

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI**



Internship Report

on

“Exalca Technologies”

A report submitted in partial fulfilment of the requirements for the award a
degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by

HEMANTH B

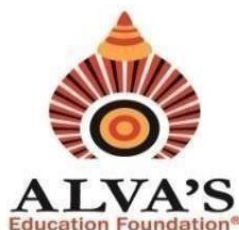
4AL20CS047

Under Supervision of

Dr. Bramha Prakash H P

Associate Professor

Computer Science and Engineering



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA**

2023 – 2024

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Internship report on **"EXALCA TECHNOLOGIES"** submitted by **HEMANTH B(4AL20CS047)** is work done by him and submitted during the academic year 2023–24, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF ENGINEERING** in **COMPUTER SCIENCE AND ENGINEERING**

BP 7/5/24
Internship Mentor
Department of CSE

BP 7/5/24
Internship Coordinator
Department of CSE

[Signature]
Head of the Department
Department of CSE

Examiners

Name

Signature

1)

2)

Acknowledgement

First I would like to thank **Exalca Technologies** for giving me the opportunity to do an internship within the organization.

I also would like all the people that worked along with me in **Exalca Technologies** with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to Managing Trustee **Mr. Vivek Alva** and Principal **Dr. Peter Fernandes, Alva's Institute of Engineering and Technology, Mijar** for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department **Dr. Manjunath Kotari, Professor, Department of Computer Science and Engineering** for his constructive criticism throughout my internship.

I would like to thank my internship Coordinator **Dr. Bramha Prakash H P, Associate Professor, Department of Computer Science and Engineering** for his guidance throughout my internship.

I am extremely grateful to my department staff members and friends who helped me in successful completion of this internship.

HEMANTH B

4AL20CS047

INTERNSHIP CERTIFICATE



Date: May 07th 2024

INDUSTRY PRACTICE COMPLETION CERTIFICATE

This is to certify that Mr. Hemanth B, BE. CSE from Alvas Institute of Engineering and Technology, Moodubidri, has successfully completed his internship program on "SAP" at Exalca Technologies Pvt Ltd. with effect from February 12, 2024 to May 03 2024

Yours Sincerely

PRADYUM
RAVASAB
ALAGURE

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Date: 2024.05.07
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ABSTRACT

Exalca, Bangalore: Abstract

Exalca is a major Business Solutions and Services partner that provides proven industry demending solutions, primarily on SAP. Exalca provides significant benefits to businesses by automating processes, streamlining business transactions, and increasing competitive advantages through technology-based business solutions. Exalca provide services ranging from discovering the proper solutions, pushing a holistic approach to the project initiative from design to completion, and ensuring that our customers always obtain measurable business advantages from their SAP investment. As an ISO 9001:2015 certified organisation, our quality management practices centre on customer focus, continuous process improvement, and strong corporate governance.

DAILY LOGS

DAY	DATE	TOPICS COVERED
Day 1-Day2	12/02/2024 – 14/02/2024	Company Introduction
Day 3-Day 10	15/02/2024 – 21/02/2024	Sap modules, sap r/3 architecture, ABAP workbench
Day 11-Day 19	22/02/2024 – 29/09/2024	ABAP – Statements , Data Types
Day 20-Day 30	1/03/2024 – 10/03/2024	DATA Dictionary, Internal Tables, SQL Query
Day 31- Day 40	10/03/2024 – 20/03/2024	SQL Complex Query, Performance Tunning, Parallel Processing:
Day 40-Day 52	20/03/2024 – 2/4/2024	UI5(xml, JavaScript ,CSS)

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INTERNSHIP OBJECTIVES

The internship aims to enhance proficiency as a trainee developer in SAP technology, focusing on both front-end and back-end development aspects. By deepening expertise in ABAP coding language and mastering SAPUI5 framework, including UI5 XML, JavaScript, CSS, and HTML, the objective is to build robust solutions and create intuitive user interfaces following SAP Fiori design principles. Integration of front-end and back-end systems within the SAP landscape will be explored, alongside adopting Agile methodologies for effective collaboration and iterative development cycles. Emphasis will be placed on quality assurance and continuous learning, fostering effective communication, client interaction, and professional growth within the SAP ecosystem.

CHAPTER 1

INTRODUCTION

Exalca stands as a pivotal partner in the realm of Business Solutions and Services, specializing in delivering innovative solutions primarily centered around SAP technology. With a steadfast commitment to excellence, we empower businesses to optimize their operations, streamline transactions, and gain competitive advantages through cutting-edge technological interventions. This report delves into our comprehensive suite of services, highlighting our holistic approach to project management, unwavering dedication to client satisfaction, and adherence to stringent quality management practices. As an ISO 9001:2015 certified organization, we prioritize customer focus, continuous improvement, and robust corporate governance, ensuring that our clients consistently derive measurable business advantages from their investments in SAP.



Fig-1.1 Logo of Exalca

CONTACT DETAILS:

Websites: <https://exalca.com/>

Headquarters: Bangalore

Year Founded: 2016

Address:

Exalca Technologies Pvt Ltd

CIN: U74900KA2016PTC086365

GR Plaza, # 433, 3rd Floor, 17th Cross,

E : 19th Main, HSR Layout, Sector 4,

Bangalore – 560 102

CHAPTER 2

PROJECT DETAILS

2.1 PROJECT AREA/DOMAIN

This internship focused on SAP Technology , Core ABAP , SQL UI5 Design .

2.2 PROBLEM STATEMENT:

The current system lacks efficient processes for managing three key aspects: the Join Form, Claim Form, and HR ALV Report. The Join Form, utilized for onboarding new hires, lacks automation for storing employee details in the database and triggering welcome emails with attached offer letters. Meanwhile, the Claim Form, essential for processing employee expenses related to company events, lacks a streamlined mechanism for submitting travel expenses, leave requests, and expense amounts. Additionally, there's a need for a robust HR ALV Report system to display Claim Form data in an ABAP List Viewer format, enabling HR personnel to review and potentially extend claim dates with ease. These inefficiencies hinder productivity and necessitate the implementation of integrated solutions to streamline processes and enhance overall efficiency in HR operations.

2.3 EXPLANATION OF WORKING OF PROPOSED IDEA:

In response to the identified challenges within the HR operations concerning the Join Form, Claim Form, and HR ALV Report, a comprehensive solution is proposed to streamline processes, enhance data management, and foster better communication between HR and employees.

The proposed solution for the Join Form revolves around the establishment of a centralized database system capable of efficiently storing employee details upon form submission. This database will be equipped with automated triggers to generate welcome emails for new hires, attaching their offer letters as required. By automating this process, the onboarding experience for new employees is significantly improved, ensuring a smoother transition into the organization. Additionally, the centralized database allows for better organization and management of employee information, facilitating easier access and retrieval when needed for various HR purposes.

Addressing the challenge of the Claim Form involves the implementation of a dedicated database separate from that of the Join Form. This distinct database will be specifically designed to manage expense claims efficiently, allowing employees to input their travel details, including expense amounts and leave requests. To ensure timely processing, the system will enforce a 60-day window for submitting claims. Furthermore, automated email notifications will be deployed to inform both HR and the respective employee upon claim submission, ensuring prompt communication and processing. This streamlined approach not only expedites the claim process but also enhances transparency and accountability in expense management within the organization.

The proposed solution for the HR ALV Report entails integrating the database from the Claim Form into an ALV format, providing HR personnel with a user-friendly interface for data visualization. By presenting claim data in a structured and easily interpretable format, HR can efficiently review and analyze expense claims. Moreover, to provide flexibility in managing claims, a functionality will be implemented allowing HR to extend claim dates by up to 30 days directly through the ALV interface. This empowers HR personnel with greater control and agility in handling claim-related matters, ultimately contributing to improved decision-making and operational efficiency.

CHAPTER 3

METHODOLOGY

3.1 Planning and Design:

The planning and design phase of the proposed solution entails a meticulous approach to understanding and addressing the identified challenges within HR operations. Through comprehensive requirement analysis, stakeholder consultation, and prototyping, we aim to develop robust solutions for the Join Form, Claim Form, and HR ALV Report. This process involves iterative design iterations based on feedback from HR personnel, IT teams, and end-users to ensure alignment with organizational objectives and user expectations. Additionally, careful consideration will be given to the technical architecture, focusing on scalability, security, and interoperability with existing HR systems. Once the planning and design are finalized and approved by key stakeholders, we will proceed to the development phase, laying a solid foundation for the successful implementation of the proposed solutions.

3.2 Asset Creation, Scripting and Functionality Development:

In this phase, the focus shifts towards the creation of assets and the development of scripting and functionality required for the proposed solutions. Asset creation involves designing user interfaces, database schemas, and system architecture based on the finalized planning and design specifications. Scripting tasks entail writing code logic, validation scripts, and automation scripts to ensure the seamless operation of the Join Form, Claim Form, and HR ALV Report functionalities. Additionally, functionality development involves implementing features such as automated triggers for email notifications, data validation mechanisms, and user authentication protocols to enhance the overall usability and effectiveness of the solutions. Throughout this phase, rigorous testing and quality assurance measures will be implemented to validate the functionality and performance of the developed assets, ensuring they meet the desired requirements and deliver optimal user experience.

3.3 Integration and Testing

The integration and testing phase marks a crucial stage in the implementation process, focusing on seamlessly integrating the developed assets and conducting comprehensive testing to ensure their functionality and performance. Integration involves merging the developed components, including user interfaces, databases, scripts, and functionalities, into a cohesive system. This process entails configuring connections, establishing data flows, and verifying interoperability between different modules to ensure smooth communication and interaction. Subsequently, rigorous testing procedures, including unit testing, integration testing, and system testing, will be conducted to validate the functionality, reliability, and security of the integrated system. Testing will encompass scenarios simulating real-world usage, edge cases, and error conditions to identify and address any defects or inconsistencies. Additionally, user acceptance testing (UAT) will be conducted with end-users to gather feedback, validate requirements, and ensure that the solution meets their needs and expectations. Through meticulous integration and testing processes, we aim to deliver a robust and reliable solution that enhances efficiency, accuracy, and user satisfaction within the HR operations.

CHAPTER 4

IMPLEMENTATION

4.1 SOURCE CODE

Code of join form:

```
*-----*
***INCLUDE ZJOIN_FROM_USER_COMMAND_900I01.
*-----*
*&-----*
*&    Module USER_COMMAND_9000 INPUT
*    purpose: In this program details are filled and based on the button click the
*              operation is going to perform
* package:YHEMANTH
*&-----*
*    text
*-----*
```

MODULE user_command_9000 **INPUT**.

data:lt_pdf **type** table of ZPDF_TABLE,
ls_pdf **type** ZPDF_TABLE.

TYPES: BEGIN OF ty_byte_string,
byte_string **TYPE** sstring, "
END OF ty_byte_string.

TYPES: table_of_bytes **TYPE** TABLE OF ty_byte_string,

LS_FILE **TYPE** ty_byte_string

DATA: lv_filename **TYPE** string,

lv_file_content **TYPE** table_of_bytes,

ls_file **TYPE** ty_byte_string.

LV_MA **TYPE** C,

LV_F **TYPE** C.

DATA: ls_data1 **type** ZMANAG_TABLE,

lt_data1 **type** TABLE OF ZMANAG_TABLE.

DATA: lv_user_date **TYPE** d,

it_data **TYPE** truxs_t_text_data,

GV_FILE **TYPE** IBIPPARMS-PATH,

P_FILE **TYPE** rlgrap-filename.

```
lv_user_date = ZEMPLO_TABLE-DATE_OF_JOIN.using System.Collections.Generic;
```

```
select *
```

```
from ZMANAG_TABLE
```

```
into CORRESPONDING FIELDS OF TABLE lt_data1
```

```
where MANAGER_ID = ZEMPLO_TABLE-MANAGER_ID.
```

```
READ TABLE lt_data1 into ls_data1 INDEX 1.
```

```
IF SY-SUBRC EQ 0.
```

```
    ZEMPLO_TABLE-MANAGER_NAME = LS_DATA1-manager_name.
```

```
    ZEMPLO_TABLE-manag_email = LS_DATA1-manag_email.
```

```
ENDIF.
```

```
LS_DATA-manager_id = ZEMPLO_TABLE-MANAGER_ID.
```

```
LS_DATA-employee_id = ZEMPLO_TABLE-EMPLOYEE_ID.
```

```
LS_DATA-employee_name = ZEMPLO_TABLE-EMPLOYEE_NAME.
```

```
LS_DATA-designation = ZEMPLO_TABLE-DESIGNATION.
```

```
LS_DATA-email = ZEMPLO_TABLE-EMAIL.
```

```
LS_DATA-location = ZEMPLO_TABLE-LOCATION.
```

```
LS_DATA-phone_no = ZEMPLO_TABLE-PHONE_NO.
```

```
LS_DATA-blood_group = ZEMPLO_TABLE-BLOOD_GROUP.
```

```
if LV_MA = 'X'.
```

```
    LS_DATA-gender = 'MALE'.
```

```
ELSEIF LV_F = 'X'.
```

```
    LS_DATA-gender = 'FEMALE'
```


CASE SY-UCOMM.

WHEN 'SUBMIT'. *"when submit button"*

```
IF lv_user_date > sy-datum.
  clear:ZEMPLO_TABLE-DATE_OF_JOIN.
  MESSAGE 'Date cannot be beyond today.' TYPE 'E'.
ELSE.
  LS_DATA-date_of_join = ZEMPLO_TABLE-DATE_OF_JOIN.
ENDIF.
```

```
if LS_DATA-manager_id is not INITIAL and "field validation for all the fields"
  LS_DATA-employee_id is not INITIAL and
  LS_DATA-employee_name is not INITIAL and
  LS_DATA-designation is not INITIAL and
  LS_DATA-email is not INITIAL and
  LS_DATA-date_of_join is not INITIAL and
  LS_DATA-location is not INITIAL and
  LS_DATA-phone_no is not INITIAL and
  LS_DATA-blood_group is not INITIAL and
  LS_DATA-manag_email is not INITIAL and
  LS_DATA-manager_name is not INITIAL and
  LS_DATA-manager_id is not INITIAL and
  LS_DATA-gender is not INITIAL.
```

```
CLEAR:LS_dATA1.
CALL SCREEN 9001 STARTING AT 40 20 "calling the dialog box."
  ENDING AT 100 40.
```

```
else.
  message 'all fields required' type 'E'.
endif.
```

WHEN 'CLEAR'. *"this is for clear button"*

```
clear : ZEMPLO_TABLE-EMPLOYEE_ID,
        ZEMPLO_TABLE-MANAGER_ID,
        ZEMPLO_TABLE-EMPLOYEE_NAME,
        ZEMPLO_TABLE-DESIGNATION,
        ZEMPLO_TABLE-EMAIL,
        ZEMPLO_TABLE-DESIGNATION,
        ZEMPLO_TABLE-DATE_OF_JOIN,
        ZEMPLO_TABLE-LOCATION,
        ZEMPLO_TABLE-PHONE_NO,
        ZEMPLO_TABLE-BLOOD_GROUP,
        ZEMPLO_TABLE-MANAGER_NAME,
        ZEMPLO_TABLE-manag_email.
```

```
if ZEMPLO_TABLE-EMPLOYEE_ID is not initial and lv_xstring is not initial.  
    ls_pdf-employee_id = ZEMPLO_TABLE-EMPLOYEE_ID.  
    ls_pdf-pdf = lv_xstring.  
    ls_pdf-pdf_name = GV_FILE.  
    if ls_pdf is not INITIAL.  
        insert into ZPDF_TABLE VALUES ls_pdf.  
        clear:ls_pdf.  
    else.  
        MESSAGE 'Work area dose not have data' type 'E'.  
    endif.  
else.  
    MESSAGE 'employee id is empty and file is not attached' type 'E'.  
endif.  
  
ENDCASE.  
  
ENDMODULE.          " USER_COMMAND_9000 INPUT
```

CLAIM FORM CODE:

```

*-----*
*-----*
***INCLUDE ZCLAIM_FORM_USER_COMMAND_90I01.
*-----*
*-----*
*&-----*
*-----*
*&      Module  USER_COMMAND_9000  INPUT
*&-----*
*-----*
*  purpose: this a claim form program where based on the button
click the
*          the operation is going to perform when clicked on Re
lease button
*          the status is going to updated as relised and date ,
claim date , claim end date
*          is going to be stored in database. and same for canc
el button also
*  package: YHEMANTH
*-----*
*-----*
MODULE user_command_9000 INPUT.
  DATA: ls_final TYPE zclaim_table,
         lt_final TYPE TABLE OF zclaim_table.

  DATA: ls_data1 TYPE zemplo_table,
         ls_limit TYPE zlimit_table,
         obj TYPE REF TO zclaim_cl,
         lv_fin TYPE zrelease_num.
  ls_data-employee_id = zclaim_table-employee_id.
  SELECT SINGLE *
    FROM zclaim_table
    INTO CORRESPONDING FIELDS OF ls_final
    WHERE employee_id = zclaim_table-employee_id.

  IF zclaim_table-employee_id = ls_final-employee_id.
    zclaim_table-claim_end_date = ls_final-claim_end_date.
    zclaim_table-employee_name = ls_final-employee_name.
    zclaim_table-manager_id = ls_final-manager_id.
    zclaim_table-manager_name = ls_final-manager_name.
    zclaim_table-date_of_travel = ls_final-date_of_travel.
    zclaim_table-manag_email = ls_final-manag_email.
  ELSE.

```

```

IF zclaim_table-date_of_travel > sy-datum.
    CLEAR:zclaim_table-date_of_travel.
    MESSAGE 'Date cannot be beyond today.' TYPE 'E'.
ELSE.
    ls_data-date_of_travel = zclaim_table-date_of_travel.
ENDIF.
SELECT SINGLE
employee_id
employee_name
email
designation
manager_id
manag_email
manager_name
FROM zemplo_table
INTO CORRESPONDING FIELDS OF ls_data1
WHERE employee_id = zclaim_table-employee_id.
zclaim_table-employee_name = ls_data1-
employee_name."employee name
ls_data-employee_name = ls_data1-employee_name.
zclaim_table-manager_id = ls_data1-
manager_id."manager id
ls_data-manager_id = ls_data1-manager_id.
zclaim_table-manager_name = ls_data1-
manager_name."manager name
ls_data-manager_name = ls_data1-manager_name.
zclaim_table-manag_email = ls_data1-
manag_email. "manager mail ID
ls_data-manag_email = ls_data1-manag_email.
zclaim_table-email = ls_data1-email. "employee mail id
zclaim_table-claim_end_date = ls_data-
date_of_travel + 90."claim end date
ls_data-claim_end_date = ls_data-date_of_travel + 90

```

SELECT SINGLE

designation

limit_days

limit_amount

FROM zlimit_table

INTO CORRESPONDING **FIELDS OF** ls_limit

WHERE designation = ls_data1-designation.

zclaim_table-travel_to_date = zclaim_table-date_of_travel + ls_limit-limit_days.

ls_data-travel_to_date = zclaim_table-date_of_travel + ls_limit-limit_days.

ENDIF.

CASE sy-ucomm.

WHEN 'RELEASE'. " *when clicked on release*

IF zclaim_table-employee_id **IS NOT INITIAL AND**

zclaim_table-employee_name **IS NOT INITIAL AND**

zclaim_table-manager_id **IS NOT INITIAL AND**

zclaim_table-manager_name **IS NOT INITIAL AND**

zclaim_table-manager_name **IS NOT INITIAL AND**

zclaim_table-manag_email **IS NOT INITIAL AND**

zclaim_table-email **IS NOT INITIAL AND**

zclaim_table-date_of_travel **IS NOT INITIAL AND**

zclaim_table-travel_from_date **IS NOT INITIAL AND**

;

IF ls_data IS NOT INITIAL.

INSERT INTO zclaim_table VALUES ls_data. *"inserting cancel status to data base"*

IF sy-subrc EQ 0.

MESSAGE 'Data inserted successfully' TYPE 'S'.

ELSE.

MESSAGE 'Data not Inserted' TYPE 'E'.

ENDIF.

ELSE.

MESSAGE 'work Area is empty' TYPE 'E'.

ENDIF.

ENDIF.

CALL METHOD obj->empmail *"sending mail to employee"*

EXPORTING

ls_data = ls_data.

IF sy-subrc EQ 0.

MESSAGE 'Mail sent to employee' TYPE 'S'.

ELSE.

MESSAGE 'mail not sent' TYPE 'E'.

ENDIF

CALL METHOD obj->manemail *"sending mail to manager"*

EXPORTING

ls_data = ls_data.

IF sy-subrc EQ 0.

MESSAGE 'Mail sent to manager' TYPE 'S'.

ELSE.

MESSAGE 'mail not sent to manager' TYPE 'E'.

ENDIF.

CALL METHOD obj->hremail *"sending mail to HR."*

EXPORTING

ls_data = ls_data.

IF sy-subrc EQ 0.

MESSAGE 'Mail sent to HR' TYPE 'S'.

ELSE.

MESSAGE 'mail not sent HR' TYPE 'E'.

ENDIF.

ELSE.

MESSAGE 'All the field are required' TYPE 'E'.

ENDIF.

APPEND ls_data TO lt_data.

* cl_demo_output=>display(lt_data).

CLEAR: ls_data,lt_data.

4.2 SNAPSHOTS

Join Form:

The screenshot shows a web browser window displaying a 'JOIN FORM'. The form is divided into two main sections: 'PERSONAL DETAILS' and 'EMPLOYEE DETAILS'. The 'PERSONAL DETAILS' section includes fields for EMPLOYEE ID, EMPLOYEE NAME, EMPLOYEE MAIL ID, PHONE NUMBER, BLOOD GROUP, LOCATION, and GENDER (with radio buttons for MALE and FEMALE). The 'EMPLOYEE DETAILS' section includes fields for MANAGER ID, MANAGER EMAIL ID, MANAGER NAME, DESIGNATION (a dropdown menu), and DATA OF JOIN. At the bottom of the form, there are three buttons: 'ATTACHEMENT', 'SUBMIT', and 'CLEAR'. The browser's address bar shows a URL starting with 'http://'. The Windows taskbar at the bottom indicates the system time is 12:00 PM on 3/27/2024.

Fig 4.2.1 : main screen of join form

This screenshot shows the same 'JOIN FORM' as in Fig 4.2.1, but with the fields filled out. In the 'PERSONAL DETAILS' section, the EMPLOYEE ID is '35567', EMPLOYEE NAME is 'MADHAN', EMPLOYEE MAIL ID is 'MADHAN@GMAIL.COM', PHONE NUMBER is '7419634562', BLOOD GROUP is 'B+VE', LOCATION is 'Bengalore', and GENDER is 'MALE'. In the 'EMPLOYEE DETAILS' section, the MANAGER ID is '8005000285', MANAGER EMAIL ID is 'JATHIN@GMAIL.COM', MANAGER NAME is 'JATHIN', DESIGNATION is 'TRAIN DEVELOPER', and DATA OF JOIN is '13.03.2024'. The 'SUBMIT' button is highlighted in yellow. The Windows taskbar at the bottom shows the system time is 12:05 PM on 3/27/2024.

Fig:4.2.2 Details filled screen

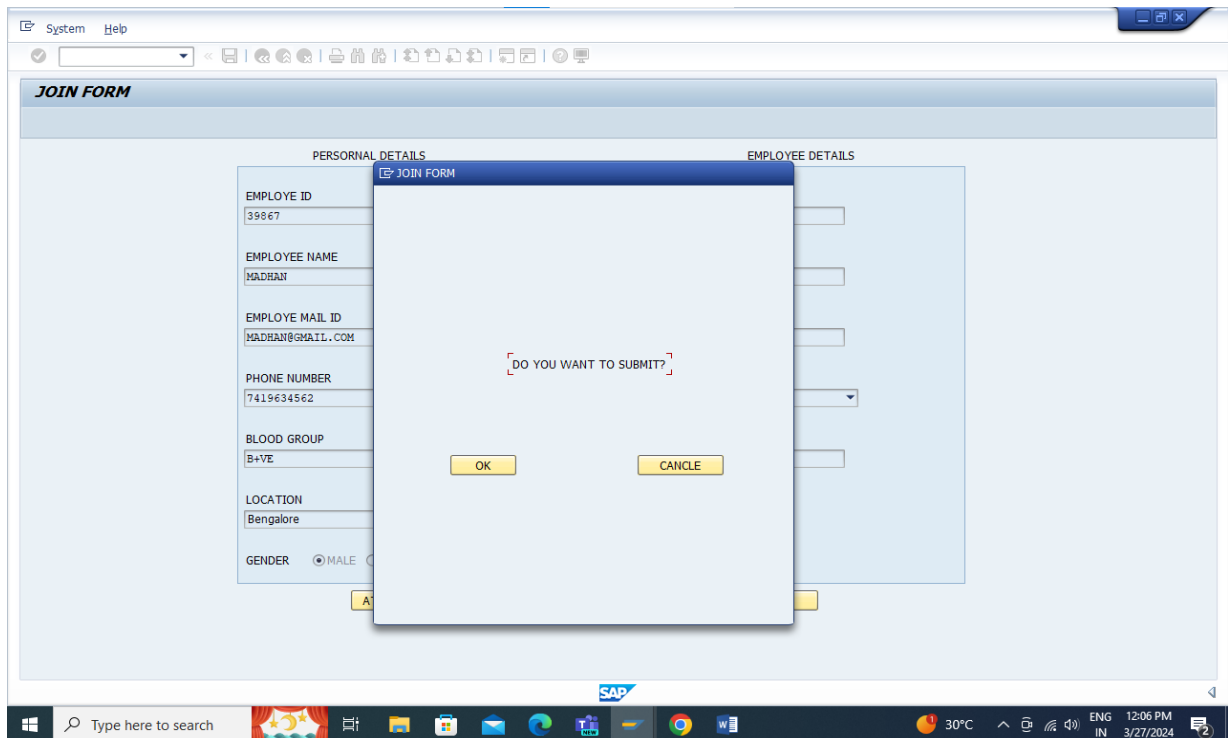


Fig: 4.2.3 : Asking for storing the data

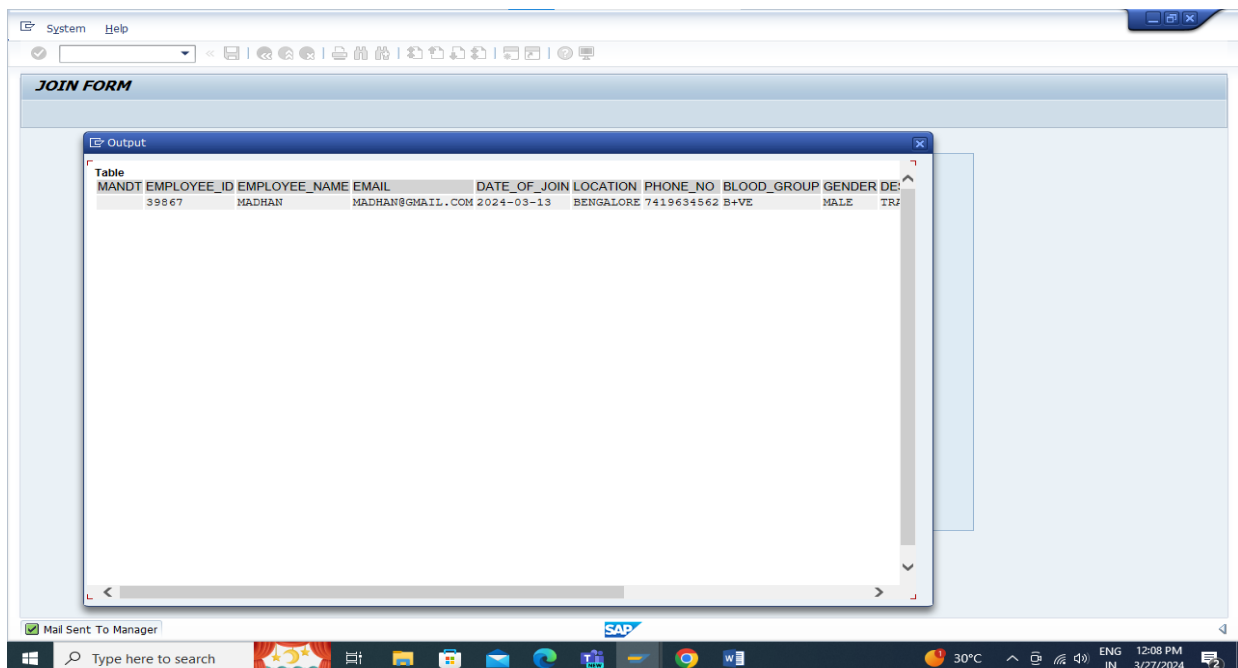


Fig:4.2.4 : Storing the details in database

Claim form:

CLAIM FORM

EMPLOYEE ID	DATE OF TRAVEL
EMPLOYEE NAME	TRAVEL FROM DATE
MANAGER ID	TAVEL TO THE DATE
MANAGER NAME	CLAIM START DATE
MANAGER MAIL ID	CLAIM END DATE
EMPLOYEE MAIL ID	DESIGNATION

RELEASE CLEAR CANCEL REPORT

Fig 4.2.5: Main page of claim form

CLAIM FORM

EMPLOYEE ID	DATE OF TRAVEL
EMPLOYEE NAME	TRAVEL FROM DATE
MANAGER ID	TAVEL TO THE DATE
MANAGER NAME	CLAIM START DATE
MANAGER MAIL ID	CLAIM END DATE
EMPLOYEE MAIL ID	DESIGNATION

RELEASE CLEAR CANCEL REPORT

Fig 4.2.6: details entry

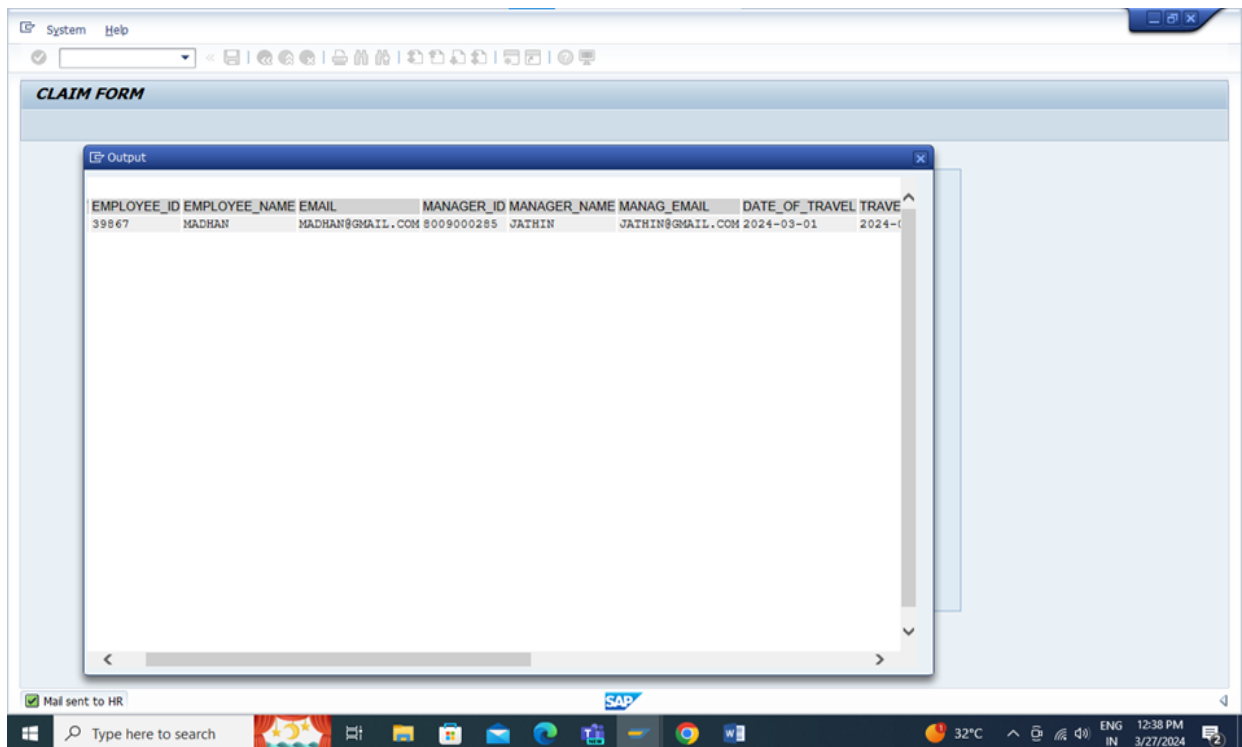


Fig 4.2.7: data stored in DataBase

HR ALV REPORT:

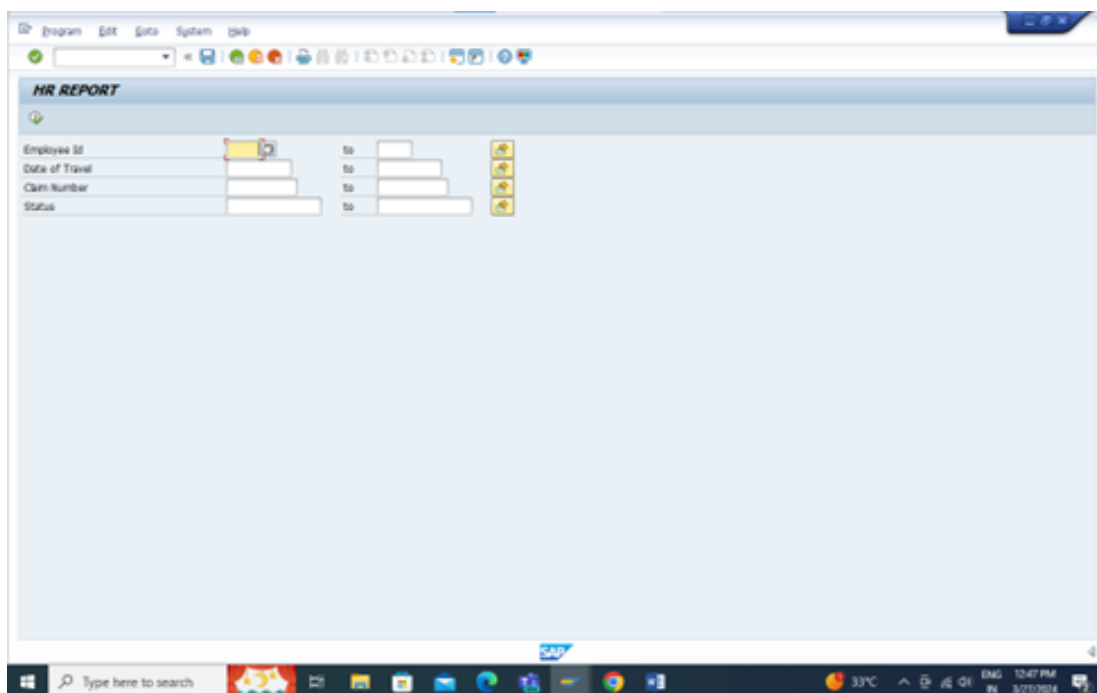
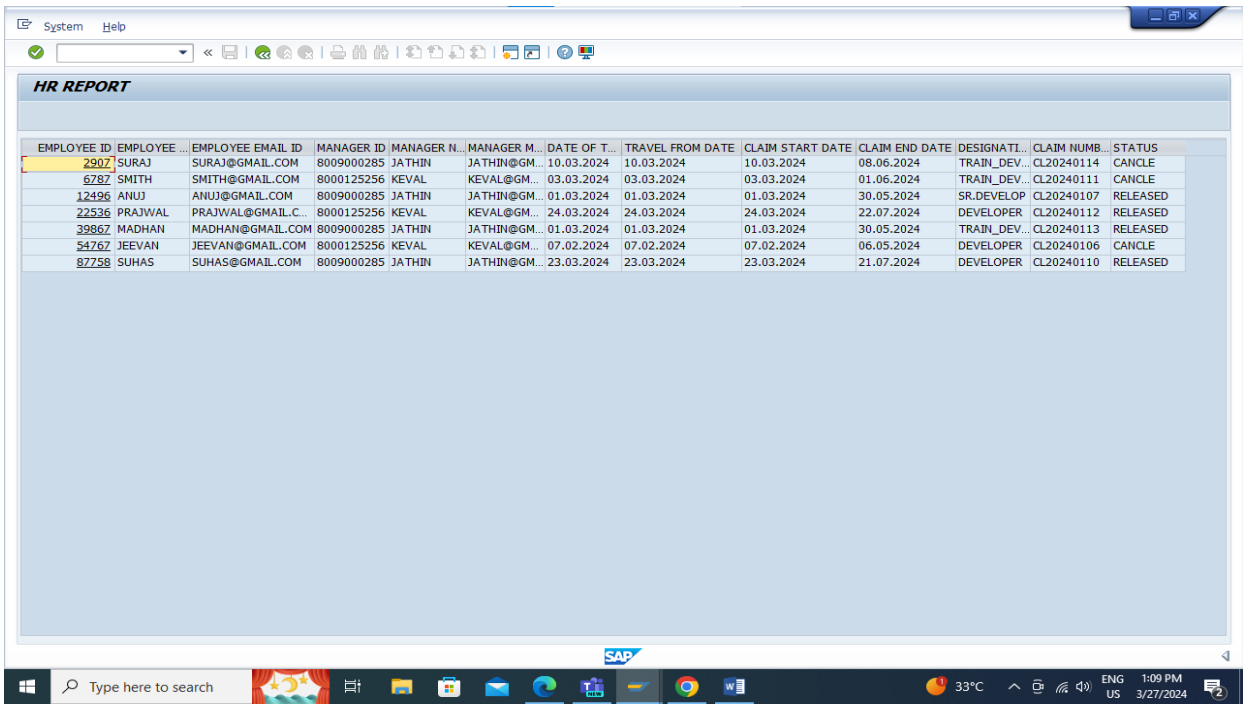


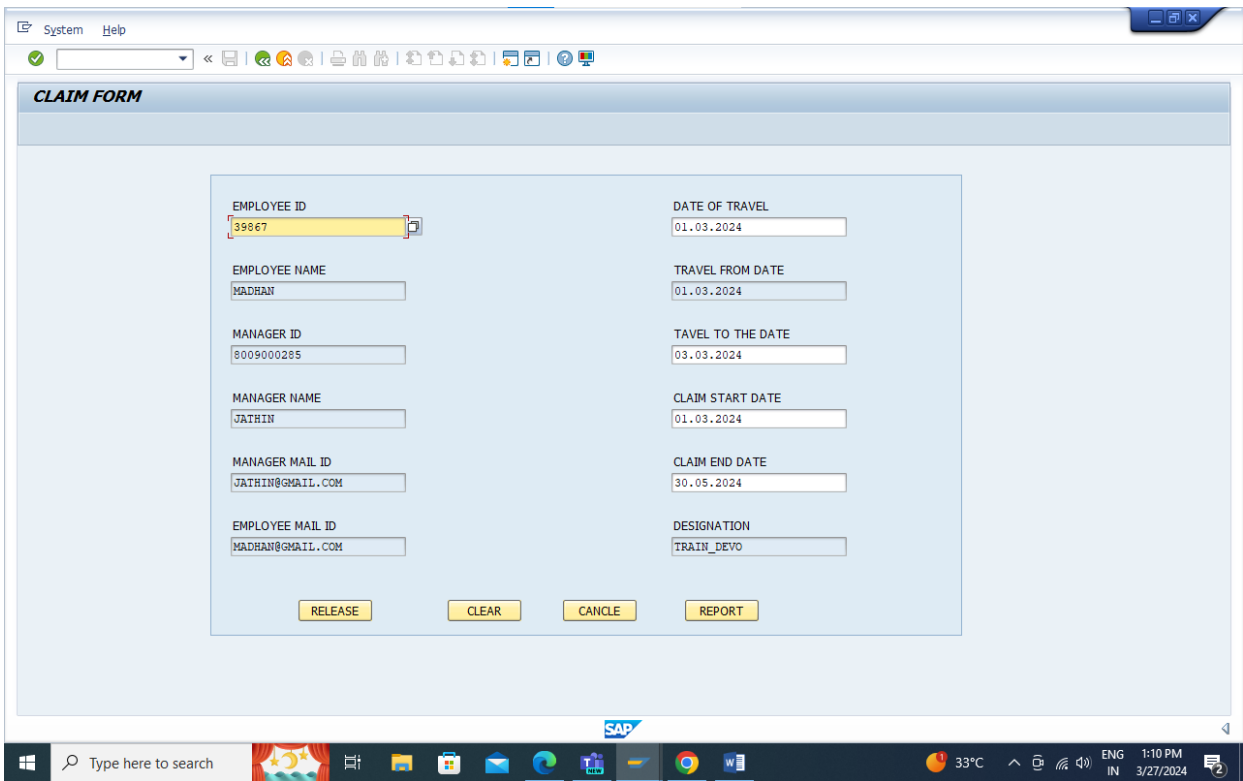
Fig 4.2.8: Main page of HR ALV



The screenshot shows the SAP HR REPORT interface with an ALV table. The table has 12 columns: EMPLOYEE ID, EMPLOYEE NAME, EMPLOYEE EMAIL ID, MANAGER ID, MANAGER NAME, MANAGER MAIL ID, DATE OF TRAVEL, TRAVEL FROM DATE, CLAIM START DATE, CLAIM END DATE, DESIGNATION, and CLAIM NUMBER. The status of each claim is shown in the final column.

EMPLOYEE ID	EMPLOYEE NAME	EMPLOYEE EMAIL ID	MANAGER ID	MANAGER NAME	MANAGER MAIL ID	DATE OF TRAVEL	TRAVEL FROM DATE	CLAIM START DATE	CLAIM END DATE	DESIGNATION	CLAIM NUMBER	STATUS
2907	SURAJ	SURAJ@GMAIL.COM	8009000285	JATHIN	JATHIN@GM...	10.03.2024	10.03.2024	10.03.2024	08.06.2024	TRAIN_DEV...	CL20240114	CANCEL
6787	SMITH	SMITH@GMAIL.COM	8000125256	KEVAL	KEVAL@GM...	03.03.2024	03.03.2024	03.03.2024	01.06.2024	TRAIN_DEV...	CL20240111	CANCEL
12496	ANUJ	ANUJ@GMAIL.COM	8009000285	JATHIN	JATHIN@GM...	01.03.2024	01.03.2024	01.03.2024	30.05.2024	SR.DEVELOP	CL20240107	RELEASED
22536	PRAJWAL	PRAJWAL@GMAIL.C...	8000125256	KEVAL	KEVAL@GM...	24.03.2024	24.03.2024	24.03.2024	22.07.2024	DEVELOPER	CL20240112	RELEASED
39867	MADHAN	MADHAN@GMAIL.COM	8009000285	JATHIN	JATHIN@GM...	01.03.2024	01.03.2024	01.03.2024	30.05.2024	TRAIN_DEV...	CL20240113	RELEASED
54767	JEEVAN	JEEVAN@GMAIL.COM	8000125256	KEVAL	KEVAL@GM...	07.02.2024	07.02.2024	07.02.2024	06.05.2024	DEVELOPER	CL20240106	CANCEL
87758	SUHAS	SUHAS@GMAIL.COM	8009000285	JATHIN	JATHIN@GM...	23.03.2024	23.03.2024	23.03.2024	21.07.2024	DEVELOPER	CL20240110	RELEASED

Fig :4.2.9 : ALV report of the claim form



The screenshot shows the SAP CLAIM FORM input screen. It contains several input fields for employee and travel details. A red hotspots icon is positioned over the 'EMPLOYEE ID' field, which contains the value '39867'. Below the input fields are four buttons: RELEASE, CLEAR, CANCEL, and REPORT.

Field	Value
EMPLOYEE ID	39867
DATE OF TRAVEL	01.03.2024
EMPLOYEE NAME	MADHAN
TRAVEL FROM DATE	01.03.2024
MANAGER ID	8009000285
TAVEL TO THE DATE	03.03.2024
MANAGER NAME	JATHIN
CLAIM START DATE	01.03.2024
MANAGER MAIL ID	JATHIN@GMAIL.COM
CLAIM END DATE	30.05.2024
EMPLOYEE MAIL ID	MADHAN@GMAIL.COM
DESIGNATION	TRAIN_DEVO

Fig:4.2.10: Hotspot click on Employee ID

CHAPTER 5

INTERNSHIP BENEFITS

Interning at Exalca presents a unique opportunity to immerse oneself in the dynamic world of business solutions and services, particularly in SAP technology. As an intern, I gain invaluable hands-on experience in a cutting-edge industry, honing skills and deepening your understanding of SAP solutions. Mentorship from seasoned professionals provides guidance and support, facilitating your personal and professional growth. Networking opportunities with colleagues and industry experts open doors to potential career prospects. Additionally, internship at Exalca enhances practical experience and dedication to professional development. Successful completion of the internship may even lead to offering a promising pathway to a rewarding career in the field.

CHAPTER 6

CONCLUSION

In summary, the internship experience at Exalca offers a profound journey of growth and discovery within the realm of business solutions and services. Through hands-on involvement in projects and collaboration with seasoned professionals, interns gain invaluable insights into the practical application of cutting-edge technologies, particularly in SAP. Beyond technical proficiency, the internship fosters the development of essential soft skills and a deeper understanding of industry dynamics. As interns conclude their experience at Exalca, they depart with not only enhanced capabilities but also a sense of empowerment and readiness to contribute meaningfully to the ever-evolving landscape of business solutions.

