

INDIVIDUAL STUDENT'S REPORT OF BIT DAY SKILL TRAINING

Skill Name : IT SOFTWARE SOLUTIONS FOR BUSINESS

Duration of the skill:24/07/21-18/11/21


1) Student Details

Name : SWETHA S

Roll No. : 2021T247

Department : INFORMATION TECHNOLOGY

Year : II



2)Training Schedule:

| No. of days | Time         |                  |                |                                 |
|-------------|--------------|------------------|----------------|---------------------------------|
|             | 8.45 - 10.20 | 10.40 - 12.00    | 1.00 - 2.50    | 3.00- 4.15                      |
| 21 days     | Introduction | Practice Session | Task execution | Report preparation & evaluation |

3)Assessment Schedule:

| No. of days | Time           |               |             |            |
|-------------|----------------|---------------|-------------|------------|
|             | 8.45 - 10.20   | 10.40 - 12.00 | 1.00 - 2.50 | 3.00- 4.15 |
| 3 days      | Task Execution |               |             |            |

4) Day Wise Task performed:

| Day    | Name of the Task   | Outcome  | Proposed Plan (in hours) | Actual Plan executed (in hours) |
|--------|--|--|--------------------------|---------------------------------|
| Day 1  | Asis and Tobe Diagram                                    | ASIS and TOBE Flowchart                              | 1.5                      | 1.5                             |
| Day 2  | Project Plan   | Project Plan and Timeline chart                      | 1.8                      | 1.8                             |
| Day 3  | Front End Design : Use Case - Class and Object Diagram   | Use Case - Class and Object Diagram                  | 1.8                      | 1.5                             |
| Day 4  | Sequential and Activity diagram                          | Sequential and Activity diagram                      | 1.5                      | 1.5                             |
| Day 5  | Collaborative and Deployment diagram                     | Collaborative and Deployment diagram                 | 1.8                      | 1.8                             |
| Day 6  | ER Diagram for an application                            | ER Diagram   | 1.8                      | 2                               |
| Day 7  | Business Layer Process                                   | Implementing in Java Programming                     | 1.5                      | 1.5                             |
| Day 8  | Handling real world entity using Java                    | OOPS Concepts  | 1.5                      | 1.5                             |
| Day 9  | Implementing Interfaces and Exception Handling in Java   | Exception Handling in Java                           | 1.5                      | 1.5                             |
| Day 10 | UI Design & Event Handling using Swing                   | UI and database connectivity.                        | 1.5                      | 1.5                             |
| Day 11 | Back End Process   | MySQL DDL and DML Commands                           | 1.8                      | 2                               |
| Day 12 | MySQL Joins and Sub Query                                | MySQL Joins  | 2                        | 1.8                             |
| Day 13 | Implementing UI and database connectivity.               | UI and database connectivity.                        | 2                        | 1.8                             |
| Day 14 | Assessment: Front End, Business Layer and Back End       | Front End, Business Layer and Back End               | 1.5                      | 1.8                             |
| Day 15 | Web Application Basics – Creating Simple web application | Creating Simple web application                      | 2                        | 1.8                             |
| Day 16 | JSP Architecture and JSP Scripting Elements              | JSP Scripting Elements                               | 1.5                      | 1.5                             |
| Day 17 | JSP Directives and Implicit objects                      | JSP Directives and Implicit objects                  | 1.5                      | 1.5                             |
| Day 18 | JSP Form Processing, Validation and Cookies Handling     | JSP Form Processing, Validation and Cookies Handling | 1.5                      | 1.5                             |
| Day 19 | JSP Database   | JSP Database   | 1.5                      | 1.5                             |
| Day 20 | Mobile Responsiveness                                    | Mobile Responsiveness                                | 1.5                      | 1.5                             |
| Day 21 | Test Project   | Test Project   | 1.5                      | 1.5                             |

5) Planning structure for Skill Training:

1. Considering all possible options and deriving the best solution to meet the user requirements

2. Using system development methodologies

3. Creating JSP page

4. Handling exceptions and sessions

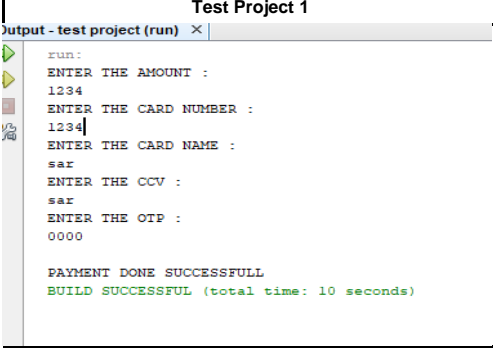
5. Connecting database in to MYSQL and JSP

6) Test Project details:


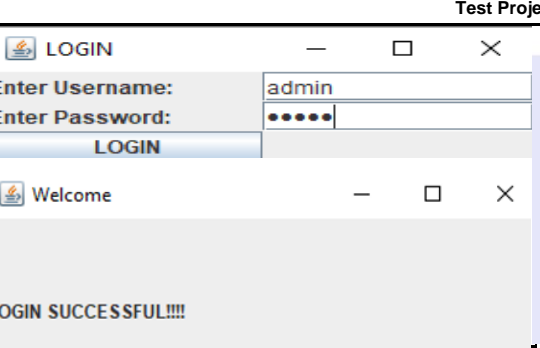
| Test Project   | Name of the task       | Outcome                                | Proposed Plan (in hours) | Actual Plan executed (in hours) |
|----------------|------------------------|--|--------------------------|---------------------------------|
| Test Project 1 | E-banking Application  | Creating an Application for E-banking  | 8hrs                     | 8hrs                            |
| Test Project 2 | E-Commerce Application | Creating an Application for E-Commerce | 8hrs                     | 8hrs                            |

7) Photographs of the test Project

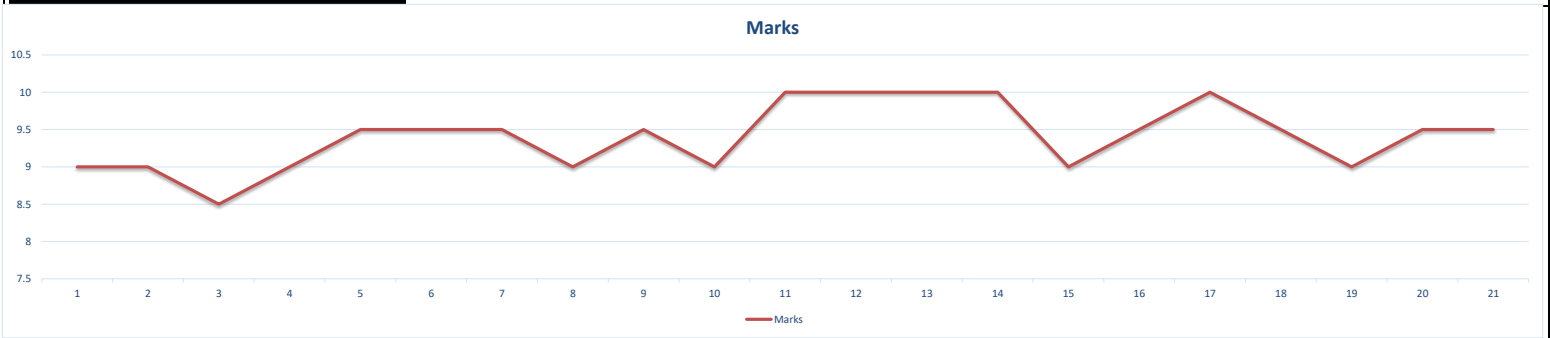
Test Project 1



Test Project 2

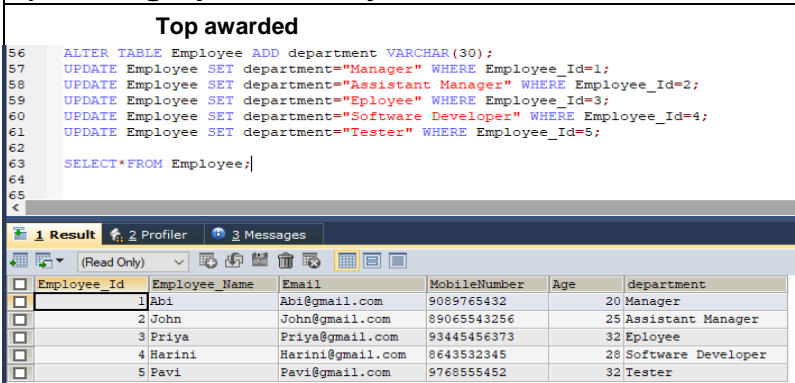


8) Daywise Performance:

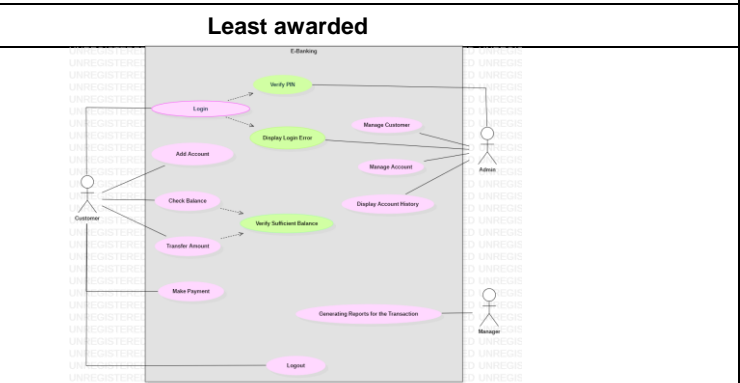


9) Photographs of Daily Task:

Top awarded



Least awarded



10) Reflection (Major problems faced/ Trouble shooting):

1. Software not installed properly

2. Connecting to database is complex

11) Knowledge acquired from skill:

1.Creating Pages using html and css

2.Connection of pages using Jsp

3.Creating UML Diagrams

Student's signature

Skill co-ordinator's signature