

# MAJOR / MINOR PROJECT ABSTRACT [Form - 1] (YEAR - 2023.)

NAME OF LAB COORDINATOR: Mrs. Sanju Choudhary

TITLE OF PROJECT: Digital Payments Book

PROJECT TRACK: (Tick the appropriate one / ones)

|                       |  |   |   |                           |
|-----------------------|--|---|---|---------------------------|
| 1 R&D<br>(Innovation) | 2 CONSULTANCY<br>(Fetched from Industry) | 3 STARTUP<br>(Self-Business Initiative) | 4. PROJECT POOL<br>(From IBM / INFOSYS) | 5. HARDWARE<br>/ EMBEDDED |
|-----------------------|--|---|---|---------------------------|

## BRIEF INTRODUCTION OF PROJECT:

Payments book app is designed to maintain customers, payments & their purchases. A retailer will be an admin of application & each customer of the retailer's shop will be the user. Customers can create their account in payments book by reading & agree to terms & conditions of app.

## TOOLS / TECHNOLOGIES TO BE USED:

| NAME OF TOOL / TECHNOLOGY | VERSION  | SOFTWARE /<br>HARDWARE | PURPOSE OF USE         |
|---------------------------|----------|------------------------|------------------------|
| Nodejs                    | v18.15.0 | VS Code                | To design the backend  |
| Reactjs                   | v16.8.6  | VS Code                | To design the frontend |
| MongoDb                   | 6.0      |                        | To store data          |

## PROPOSED PROJECT MODULES:

| NAME OF MODULE   | PROPOSED FUNCTIONALITY IN PROJECT   |
|------------------|---|
| Login / Register | User can login into the app using credential & can register by agree to term & condition. |
| Retailer         | Retailer have access to pending payment & data.   |
| Customer         | Customer can clear due payment & can contact.   |

## TEAM MEMBER DETAILS:

| STUDENT NAME    | CLASS & GROUP | MOBILE No. | EXPERTISE AREA | ROLE IN PROJECT           |
|-----------------|---------------|------------|----------------|---------------------------|
| Arpita Dubey    | BITA - G11    | 8306628715 | Backend        | Design the backend        |
| Anyan Sharma    | BITA - G11    | 8233673010 | Frontend       | Design the frontend       |
| Atishay Mansola | BITA - G11    | 8824089405 | Frontend       | Design the frontend       |
| Gaurav Jangid   | BITA - G11    | 8290324732 | Database       | Create & connect database |

- NOTE:** 1 This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.  
2 Students must keep a Xerox copy of this form as reference for project work and attach it to final report.

## ROLE SPECIFICATION OF TEAM MEMBERS [Form - 2]

| MEMBER 1 <u>Arpita Dubay</u> |                       | HANDLING MODULE       |   |
|------------------------------|-----------------------|-----------------------|---|
| NAME OF ACTIVITY             | SOFT<br>DEADLINE DATE | HARD<br>DEADLINE DATE | DETAILS OF ACTIVITY (STORY)   |
| Login / Register Page        | 22-1-23               | 2-2-23                | Created the API's for the login/register.                           |
| Retailer                     | 10-3-23               | 18-3-23               | Created the API for retailer & integrated them with the react code. |
| Customer                     | 24-3-23               | 1-4-23                | Created API for customer.   |

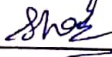
| MEMBER 2 <u>Anjan Sharma</u> |                       | HANDLING MODULE       |  |
|------------------------------|-----------------------|-----------------------|--|
| NAME OF ACTIVITY             | SOFT<br>DEADLINE DATE | HARD<br>DEADLINE DATE | DETAILS OF ACTIVITY (STORY)                          |
| Login / Register Page        | 22-1-23               | 2-2-23                | Created the front-end user interface for login page. |
| Customer                     | 18-2-23               | 25-2-23               | Created the UI for customer dashboard, contact form. |
| Retailer                     | 10-3-23               | 22-3-23               | Created the product & blog page for retailer UI.     |

| MEMBER 3 <u>Atishay Kharola</u> |                       | HANDLING MODULE       |   |
|---------------------------------|-----------------------|-----------------------|---|
| NAME OF ACTIVITY                | SOFT<br>DEADLINE DATE | HARD<br>DEADLINE DATE | DETAILS OF ACTIVITY (STORY)                                   |
| Retailer                        | 25-1-23               | 7-2-23                | Created the dashboard for retailer. Added the graphs as well. |
| Customer                        | 20-2-23               | 30-2-23               | Created the Retailer Page for the Customer console.           |

| MEMBER 4 <u>Gaurav Jangid</u> |                       | HANDLING MODULE       |   |
|-------------------------------|-----------------------|-----------------------|---|
| NAME OF ACTIVITY              | SOFT<br>DEADLINE DATE | HARD<br>DEADLINE DATE | DETAILS OF ACTIVITY (STORY)   |
| Login / Register Page         | 20-1-23               | 25-1-23               | Created the database in MongoDB to store the login info.            |
| Customer                      | 19-2-23               | 24-2-23               | Created the table in database & store the data related to customer. |
| Retailer                      | 8-3-23                | 18-3-23               | Created the table in database & store the data related to retailer. |

MENTOR'S NAME & SIGNATURE Shalini Singhal 

- NOTE:**
1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.
  2. Every member student must keep a Xerox copy of this form as reference for his / her part in project work.
  3. Students must provide the detailed list of planned activities along with their completion deadline dates.
  4. The lab coordinator will check the weekly progress of student against the information provided in this form.



**Form-3**  
**PROJECT WEEKLY STATUS MATRIX (FOR PROJECT MENTORS)**

| NAME OF STUDENT - 1                         |                             | Anpita Dubey   |                                     |                           |
|---|-----------------------------|--|-------------------------------------|---------------------------|
| NAME OF PROJECT                             |                             | Digital Payments Books                                       |                                     |                           |
| OTHER TEAM MEMBERS                          |                             | 2. Aryan Sharma  | 3. Atishay Hansola                  | 4. Gaurav Jangid          |
| WEEK (TO-FROM)                              | WORKING ON MODULE           | PROGRESS ACHIEVED  | COMMENTS                            | MARKS (X / 10)            |
| 11-1-23 to 18-1-23                          | Documentation               | Prepared the SRS for the project                             | Completed online                    | 9                         |
| 27-01-23 to 3-2-23                          | Setup Backend               | Install all the node js packages & dependencies              | This way ok                         | 8                         |
| 24-2-23 to 3-3-23                           | Created API                 | Created the API for login & register                         | Checked and working                 | 9                         |
| 25-03-23 to 1-4-23                          | Created API                 | Created API for customer & retailer & tested them in Postman | Completed online                    | 8                         |
| TOTAL WEEKS                                 | MODULE COMPLETED (YES / NO) | OVERALL PROGRESS (POOR / AVG / GOOD)                         | OVERALL COMMENT (POOR / AVG / GOOD) | PERCENTAGE MARKS ESTIMATE |
|   |                             |  |                                     |                           |
| LAB COORDINATOR's remarks & Signature _____ |                             |  |                                     |                           |

- NOTE:** 1. This form is to be maintained in a file by lab coordinators for student - 1 of the team to track his / her progress.  
 2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student against the work done by student and note their own comments about student's performance.  
 3. The lab coordinator must evaluate student's work for every lab from a score of 10 points.  
 4. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the PERCENT MARKS to be awarded to the student for his / her performance.  
 5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR PERFORMANCE or 2 CONTINUOUS ABSENCE from lab.  
 6. In case of absence, 00 / 10 MARKS will be awarded if the mentioned work is not presented in next lab by student.

**Form-3**  
**PROJECT WEEKLY STATUS MATRIX (FOR PROJECT MENTORS)**

|  |                                    |  |  |                                  |
|--|------------------------------------|--|--|----------------------------------|
| <b>NAME OF STUDENT - 2</b>                             |                                    | Anyan Sharma                                 |  |                                  |
| <b>NAME OF PROJECT</b>                                 |                                    | Digital Payments Book                        |  |                                  |
| <b>OTHER TEAM MEMBERS</b>                              |                                    | 1. Anshu Dubey                               | 3. Atishay Hansola                         | 4. Gaurav Jangid                 |
| <b>WEEK (TO-FROM)</b>                                  | <b>WORKING ON MODULE</b>           | <b>PROGRESS ACHIEVED</b>                     | <b>COMMENTS</b>                            | <b>MARKS (X / 10)</b>            |
| 11-1-23 to 18-1-23                                     | Documenta<br>tion                  | Collected the<br>material & prepared SRS     | Completed on time                          | 9                                |
| 2-02-23 to 9-02-23                                     | Setup<br>front end                 | Install react's pack<br>-ages & dependencies | This week OK                               | 8                                |
| 11-03-23 to 18-03-23                                   | Created<br>login/register          | Created the UI for<br>login & register       | Checked and<br>working                     | 7                                |
| 3-04-23 to 10-4-23                                     | Created<br>page for<br>retailer    | Created the front<br>end for retailer        | Completed on<br>time                       | 8                                |
|  |                                    |  |  |                                  |
|  |                                    |  |  |                                  |
| <b>TOTAL WEEKS</b>                                     | <b>MODULE COMPLETED (YES / NO)</b> | <b>OVERALL PROGRESS (POOR / AVG / GOOD)</b>  | <b>OVERALL COMMENT (POOR / AVG / GOOD)</b> | <b>PERCENTAGE MARKS ESTIMATE</b> |
|  |                                    |  |  |                                  |
| <b>LAB COORDINATOR's remarks &amp; Signature</b> _____ |                                    |  |  |                                  |

- NOTE:**
1. This form is to be maintained in a file by lab coordinators for student - 2 of the team to track his / her progress.
  2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student against the work done by student and note their own comments about student's performance.
  3. The lab coordinator must evaluate student's work for every lab from a score of 10 points.
  4. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the PERCENT MARKS to be awarded to the student for his / her performance.
  5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR PERFORMANCE or 2 CONTINUOUS ABSENCE from lab.
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**PROJECT WEEKLY STATUS MATRIX (FOR PROJECT MENTORS)**

|  |                                    |   |  |                                  |
|--|------------------------------------|---|--|----------------------------------|
| <b>NAME OF STUDENT - 3</b>                             |                                    | Atishay Harshola  |  |                                  |
| <b>NAME OF PROJECT</b>                                 |                                    |   |  |                                  |
| <b>OTHER TEAM MEMBERS</b>                              |                                    | 1. Anshita Dubey  | 2. Anyan Sharma                            | 4. Gaurav Jangid                 |
| <b>WEEK (TO-FROM)</b>                                  | <b>WORKING ON MODULE</b>           | <b>PROGRESS ACHIEVED</b>  | <b>COMMENTS</b>                            | <b>MARKS (X / 10)</b>            |
| 11-1-23<br>to 18-1-23                                  | Document<br>-ation                 | Created UML diagram<br>for SRS  | Completed on time                          | 9                                |
| 11-2-23<br>to 18-2-23                                  | Created page<br>for customer       | Created the dashboard<br>& retailer component<br>in customer's page       | This was ok                                | 8                                |
| 4-3-23<br>to 11-3-23                                   | Created page<br>for customer       | Created the contact<br>form & notification<br>section for customer's page | Checked and<br>working                     | 9                                |
| 30-3-23<br>to 6-4-23                                   | Fix Bugs                           | Fix the issues when<br>integrating diff.<br>components together           | Completed on<br>time                       | 8                                |
| <b>TOTAL WEEKS</b>                                     | <b>MODULE COMPLETED (YES / NO)</b> | <b>OVERALL PROGRESS (POOR / AVG / GOOD)</b>                               | <b>OVERALL COMMENT (POOR / AVG / GOOD)</b> | <b>PERCENTAGE MARKS ESTIMATE</b> |
|  |                                    |   |  |                                  |
| <b>LAB COORDINATOR's remarks &amp; Signature</b> _____ |                                    |   |  |                                  |

- NOTE:**
1. This form is to be maintained in a file by lab coordinators for student - 3 of the team to track his / her progress.
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|  |                                    |   |  |                                  |
|--|------------------------------------|---|--|----------------------------------|
| <b>NAME OF STUDENT - 4</b>                             |                                    | Gaurav Jangid   |  |                                  |
| <b>NAME OF PROJECT</b>                                 |                                    | Digital Payments Book   |  |                                  |
| <b>OTHER TEAM MEMBERS</b>                              |                                    | 1. Arpita Dubey   | 2. Aryan Sharma                            | 3. Atishay Harbola               |
| <b>WEEK (TO-FROM)</b>                                  | <b>WORKING ON MODULE</b>           | <b>PROGRESS ACHIEVED</b>  | <b>COMMENTS</b>                            | <b>MARKS (X / 10)</b>            |
| 11-1-23 to 18-1-23                                     | Document-<br>ation                 | Prepared UML diag-<br>ram for SRS                               | Completed on time                          | 9                                |
| 16-02-23 to 23-2-23                                    | Created<br>Database                | In-Progress<br>creation of Mongo DB                             | This was ok                                | 8                                |
| 2-3-23 to 9-3-23                                       | Created<br>Database                | Added data to the<br>database. And also<br>connect with code    | checked and<br>working                     | 9                                |
| 3-4-23 to 10-4-23                                      | Setup<br>Github                    | Created a github<br>repository & push all<br>code to the Github | Completed on<br>time                       | 8                                |
| <b>TOTAL WEEKS</b>                                     | <b>MODULE COMPLETED (YES / NO)</b> | <b>OVERALL PROGRESS (POOR / AVG / GOOD)</b>                     | <b>OVERALL COMMENT (POOR / AVG / GOOD)</b> | <b>PERCENTAGE MARKS ESTIMATE</b> |
|  |                                    |   |  |                                  |
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