

## Project Planning Phase

|               |                                      |
|---------------|--------------------------------------|
| Date          | 28 October 2022                      |
| Team ID       | PNT2022TMID32879                     |
| Project Name  | Personal Expense Tracker Application |
| Maximum Marks | 8 Marks                              |

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

| Sprint  | Functional Requirement (Epic) | User Story Number | User Story / Task   | Story Points | Priority | Team Members   |
|---|-------------------------------|-------------------|---|--------------|----------|----------------|
| Sprint 1  | Registration                  | USN-1             | As a user, I can register for the application by entering my email, password, and confirming my password. | 2            | High     | Srinivasan     |
|   |                               | USN-2             | As a user, I will receive confirmation email once I have registered for the application                   | 1            | High     | Naraesh Archun |
|   | Login                         | USN-3             | As a user, I can log into the application by entering email & password                                    | 1            | High     | Rajamurugan    |
|   | Dashboard                     | USN-4             | Logging in takes to the dashboard for the logged user.  | `2           | High     | Sabarishan     |
| Bug fixes, routine checks and improvisation by everyone in the team *Intended bugs only |                               |                   |   |              |          |                |

|   |                       |       |   |   |        |                |
|---|-----------------------|-------|---|---|--------|----------------|
| Sprint 2  | Workspace             | USN-1 | Workspace for personal expense tracking                               | 2 | High   | Sabarishan     |
|   | Charts                | USN-2 | Creating various graphs and statistics of customer's data             | 1 | Medium | Naraesh Archun |
|   | Connecting to IBM DB2 | USN-3 | Linking database with dashboard                                       | 2 | High   | Rajamurugan    |
|   |                       | USN-4 | Making dashboard interactive with JS                                  | 2 | High   | Srinivasan     |
| Sprint-3  |                       | USN-1 | Wrapping up the server side works of frontend                         | 1 | Medium | Naraesh Archun |
|   | Watson Assistant      | USN-2 | Creating Chatbot for expense tracking and for clarifying user's query | 1 | Medium | Srinivasan     |
|   | SendGrid              | USN-3 | Using SendGrid to send mail to the user about their expenses          | 1 | Low    | Sabarishan     |
|   |                       | USN-4 | Integrating both frontend and backend                                 | 2 | High   | Rajamurugan    |
| Bug fixes, routine checks and improvisation by everyone in the team *Intended bugs only |                       |       |   |   |        |                |
| Sprint-4  | Docker                | USN-1 | Creating image of website using docker/                               | 2 | High   | Rajamurugan    |
|   | Cloud Registry        | USN-2 | Uploading docker image to IBM Cloud registry                          | 2 | High   | Srinivasan     |
|   | Kubernetes            | USN-3 | Create container using the docker image and hosting the site          | 2 | High   | Sabarishan     |
|   | Exposing              | USN-4 | Exposing IP/Ports for the site  | 2 | High   | Naraesh Archun |