Project Planning Phase

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID42862 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 8 Marks |

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

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| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint 1 | Registration | USN-1  USN-5 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Manikandan  Yogesh kumar |
|  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Jagadeeshwaran |
| Login | USN-3 | As a user, I can log into the application by entering email & password | 1 | High | Mukilarasan |
| Dashboard | USN-4 | Logging in takes to the dashboard for the logged user. | `2 | High | Sudhakar |
| Bug fixes, routine checks and improvisation by everyone in the team \*Intended bugs only | | | | | | |

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| Sprint 2 | Workspace | USN-1 | Workspace for personal expense tracking | 2 | High | Manikandan |
| Charts | USN-2 | Creating various graphs and statistics of customer’s data | 1 | Medium | Jagadeeshwaran |
| Connecting to IBM DB2 | USN-3  USN-5 | Linking database with dashboard | 2 | High | Mukilarasan  Yokesh kumar |
|  | USN-4 | Making dashboard interactive with JS | 2 | High | Sudhakar |
| Sprint-3 |  | USN-1 | Wrapping up the server side works of frontend | 1 | Medium | Manikandan |
| Watson Assistant | USN-2 | Creating Chatbot for expense tracking and for clarifying user’s query | 1 | Medium | Jagadeeshwran |
| SendGrid | USN-3 | Using SendGrid to send mail to the user about their expenses | 1 | Low | Mukilarasan |
|  | USN-4  USN-5 | Integrating both frontend and backend | 2 | High | Sudhakar  Jagadeeshwaran |
| Bug fixes, routine checks and improvisation by everyone in the team \*Intended bugs only | | | | | | |
| Sprint-4 | Docker | USN-3 | Creating image of website using docker/ | 2 | High | Sudhakar |
| Cloud Registry | USN-4 | Uploading docker image to IBM Cloud registry | 2 | High | Mukilarasan |
| Kubernetes | USN-1 | Create container using the docker image and hosting the site | 2 | High | Manikandan |
| Exposing | USN-2  USN-5 | Exposing IP/Ports for the site | 2 | High | Jagadeeshwaran  Yogesh kumar |