

Project Planning Phase

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| Date | 25 October 2022 |
| Team ID | PNT2022TMID22527 |
| 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 | Deepa V |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Anugraha C |
| | Login | USN-3 | As a user, I can log into the application by entering email & password | 1 | High | Varshini |

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|---|-----------------------|-------|---|---|--------|------------|
| | Dashboard | USN-4 | Logging in takes to the dashboard for the logged user. | 2 | High | Reshma K |
| 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 | Anugraha C |
| | Charts | USN-2 | Creating various graphs and statistics of customer's data | 1 | Medium | Varshini |
| | Connecting to IBM DB2 | USN-3 | Linking database with dashboard | 2 | High | Reshma K |
| | | USN-4 | Making dashboard interactive with JS | 2 | High | Deepa V |
| Sprint-3 | | USN-1 | Wrapping up the server side works of frontend | 1 | Medium | Reshma K |
| | Watson Assistant | USN-2 | Creating Chatbot for expense tracking and for clarifying user's query | 1 | Medium | Anugraha C |
| | SendGrid | USN-3 | Using SendGrid to send mail to the user about their expenses | 1 | Low | Varshini |
| | | USN-4 | Integrating both frontend and backend | 2 | High | Deepa V |

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|----------|----------------|-------|--|---|------|------------|
| Sprint-4 | Docker | USN-1 | Creating image of website using docker/ | 2 | High | Deepa V |
| | Cloud Registry | USN-2 | Uploading docker image to IBM Cloud registry | 2 | High | Reshma K |
| | Kubernetes | USN-3 | Create container using the docker image and hosting the site | 2 | High | Anugraha C |
| | Exposing | USN-4 | Exposing IP/Ports for the site | 2 | High | Varshini |