**Milestone and Activity List**

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID35356 |
| Project Name | Project - News Tracker Application |
| Maximum Marks | 8 Marks |

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| MileStone List | 24-  Oct | 25-  Oct | 26-  Oct | 27-  Oct | 28-  Oct | 29-  Oct | 30-  Oct | 31-  Oct | 1-  Nov | 2-  Nov | 3-  Nov | 4-  Nov | 5-  Nov | 6-  Nov | 7-  Nov | 8-  Nov | 9-  Nov | 10-  Nov | 11-  Nov | 12-  Nov | 13-  Nov | 14-  Nov | 15-  Nov | 16-  Nov | 17-  Nov | 18-  Nov | 19-  Nov |
| **Sprint 1 - Registration and Sign in** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Design Sign Up & Sign in Page | 1  Day |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Email Auth |  | 2 Days | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DB2 Database Design |  |  | 1  Day |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Email and Password Sign in |  |  |  | 1  Day |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Email Confirmation on user account creation |  |  |  |  | 1  Day |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sprint 2 - API Fetching and Backend Endpoints** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fetch data from Rapid API |  |  |  |  |  | 2 Days | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flask-REST API coding |  |  |  |  |  |  |  | 2 Days | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Create timed function for fetch from API  using threading |  |  |  |  |  |  |  |  |  | 1  Day |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Test backend |  |  |  |  |  |  |  |  |  |  | 2 Day | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sprint 3 - UI and UX design and Connecting frontend and backend** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Design main Welcome Page |  |  |  |  |  |  |  |  |  |  |  |  | 3 Days | | |  |  |  |  |  |  |  |  |  |  |  |  |
| News Card Design |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 Days | |  |  |  |  |  |  |  |  |  |  |
| Explore Designs and Saved Design |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  Day |  |  |  |  |  |  |  |  |  |
| Bookmarks design |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  Day |  |  |  |  |  |  |  |  |
| Connecting Frontend and backend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  Day |  |  |  |  |  |  |  |
| UI responsiveness |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 Days | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sprint 4 - Deployment, Testing and Integrations** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deploying the App on cloud |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 Days | | |  |  |  |
| Implementing Loggers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 Days | |  |