

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

|               |   |
|---------------|---|
| Date          | 31 October 2022   |
| Team ID       | PNT2022TMID06197  |
| Project Name  | Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 8 Marks   |

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

Use the below template to create product backlog and sprint schedule

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task   | Story Points | Priority | Team Members           |
|----------|-------------------------------|-------------------|---|--------------|----------|------------------------|
| Sprint-1 | Registration                  | USN-1             | As a lifeguard , I can register for the application by entering my email, password, and confirming my password. | 2            | High     | Kavini P               |
| Sprint 1 | User conformation             | USN-2             | As a lifeguard, I will receive the conformation mail once I have registered for the application                 | 2            | Medium   | Prarthana R            |
| Sprint-1 | Login                         | USN-3             | As a lifeguard , I can log into the application by entering email& password                                     | 2            | High     | Meenakshi<br>Akila P S |
| Sprint-2 | Cloudant DB                   | USN-1             | Create DB   | 2            | High     | Nivetha V              |

|          |                                |       |  |   |        |             |
|----------|--------------------------------|-------|--|---|--------|-------------|
|          |                                |       |  |   |        |             |
| Sprint-3 | Coding<br>(Accessing datasets) | USN-1 | Coding is a set of instructions used to manipulate information so that a certain input results in a particular output. | 2 | High   | Prarthana R |
| Sprint-4 | Application building           | USN-1 | As a Lifeguard , It will show the current Information of the swimming pool   | 1 | Medium | Kavini P    |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1      | 20                        | 4 Days          | 24 Oct 2022              | 27 Oct 2022                      | 20   | 29 Oct 2022                         |
| Sprint-2      | 20                        | 5 Days          | 28 Oct 2022              | 01 Nov 2022                      | 20   | 04 Nov 2022                         |
| Sprint-3      | 20                        | 8 Days          | 02 Nov 2022              | 09 Nov 2022                      | 20   | 11 Nov 2022                         |
| Sprint-4      | 20                        | 9 Days          | 10 Nov 2022              | 18 Nov 2022                      | 20   | 19 Nov 2022                         |
|               |                           |                 |                          |                                  |  |                                     |
|               |                           |                 |                          |                                  |  |                                     |
|               |                           |                 |                          |                                  |  |                                     |
|               |                           |                 |                          |                                  |  |                                     |