**Project Planning Phase**

**Project Planning (Product Backlog, Sprint Planning, Stories, Storypoints)**

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| Date | 24 October 2022 |
| Team ID | PNT2022TMID51724 |
| Project Name | Virtual Eye - Life Guard For Swimming Pools To Detect Active Drowning |
| Maximum Marks | 8 Marks |

**Prepare Milestone and Activity List**

**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 | VLGFSP-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Abilash A |
| Sprint-1 | Registration | VLGFSP-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Godson Cleetus |
| Sprint-1 | Registration | VLGFSP-3 | As a user, I can register for the application through Facebook | 2 | Low | Resheen Raj |
| Sprint-1 | Registration | VLGFSP-4 | As a user, I can register for the application through Gmail | 2 | Medium | Anlin A Sam |
| Sprint-1 | Login | VLGFSP-6 | As a user, I can log into the application by entering email & password | 1 | High | Joel John |
| Sprint-2 | Dataset Collect | VLGFSP -11 | Collect number of datasets and get accuracy | 2 | Medium | Abilash A |
| Sprint-2 | Pre-processing | VLGFSP -12 | The dataset is extracted | 2 | High | Godson Cleetus |
| Sprint-2 | Train the model | VLGFSP -13 | Train the model | 4 | High | Resheen Raj |
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| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-2 | Test The Model | VLGFSP-14 | Test the model | 6 | High | Anlin A Sam |
| Sprint-3 | Detection | VLGFSP-15 | Load the trained model | 3 | High | Joel John |
| Sprint-3 | Detection | VLGFSP-16 | Identify the person by collecting real-time data through a webcam | 5 | Low | Abilash A |
| Sprint-3 | Detection | VLGFSP-16 | Classify it by using a trained model to predict the output | 8 | Medium | Godson Cleetus |
| Sprint-4 | Detection | VLGFSP-17 | If person is drowning, the system will ring an alarm to give signal | 7 | High | Resheen Raj |
| Sprint-4 | Detection | VLGFSP -18 | As a User,I can detect the drowning person | 3 | Medium | Anlin A Sam |
| Sprint-4 | Logout | VLGFSP -19 | As a User,I can logout the application | 2 | High | Joel John |



