

Project Planning Phase

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

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| Date | 9 NOV 2022 |
| Team ID | PNT2022TMID30641 |
| Project Name | VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 8 Marks |

Product Backlog, Sprint Schedule and Estimation

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|--------------|
| Sprint-1 | Collect Testset | USN-1 | Collect Testset | 2 | Medium | S.keerthika |
| Sprint-1 | Preprocess test set | USN-2 | extract features from the Testset by preprocessing | 2 | High | R.Gayathiri |
| Sprint-1 | fine-tune the model | USN-3 | fine-tune the model | 4 | High | M.Shivani |
| Sprint-2 | Detection | USN-4 | Load the fine-tuned model. | 4 | High | K.Dhurga |
| Sprint-2 | Detection | USN-5 | Identify the person by collecting real-time data through a webcam. | 6 | High | S.Keerthika |
| Sprint-2 | Detection | USN-6 | Classifies it using a trained model to predict the output | 8 | High | R.Gayathiri |
| Sprint-3 | Registration | USN-7 | As a user, I can register for the application by entering my email, and password, and confirming my password. | 2 | High | K.Dhurga |
| Sprint-3 | Registration | USN-8 | As a user, I will receive a confirmation email once I have registered for the application | 1 | High | R.Gayathiri |

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| Sprint-3 | Login | USN-9 | As a user, I can log into the application by entering email & password | 1 | High | M.Shivani |
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| Sprint-4 | Detection | USN-10 | If a person is drowning the system will ring an alarm to give signal | 8 | High | S.Keerthika |
| Sprint-4 | Detection | USN-11 | As a user I Can detect the drowning person | 7 | Medium | R.Gayathiri |
| Sprint-4 | Logout | USN-12 | As a user I Can log out the application | 2 | Low | M.Shivani |