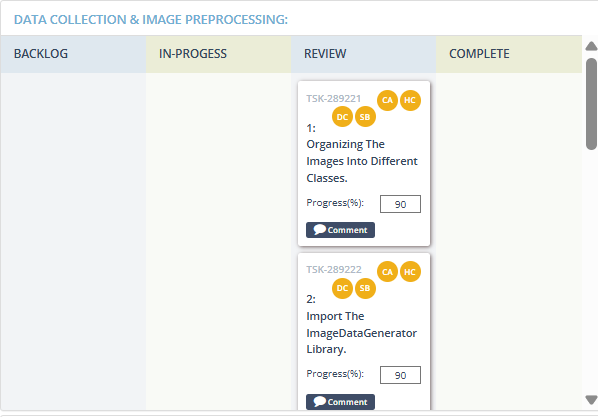
**Project Initialization and Planning Phase**

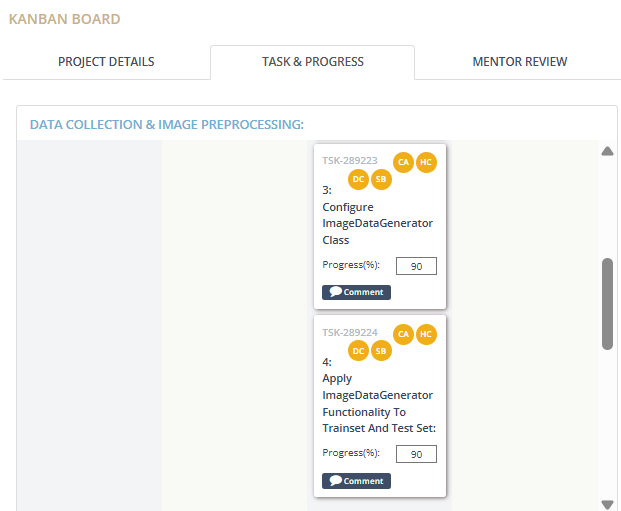
|  |  |
| --- | --- |
| Date | 14-06-2025 |
| Team ID | SWTID1749820017 |
| Project Name | Dog Breed Identification using Transfer Learning |
| Maximum Marks | 4 Marks |

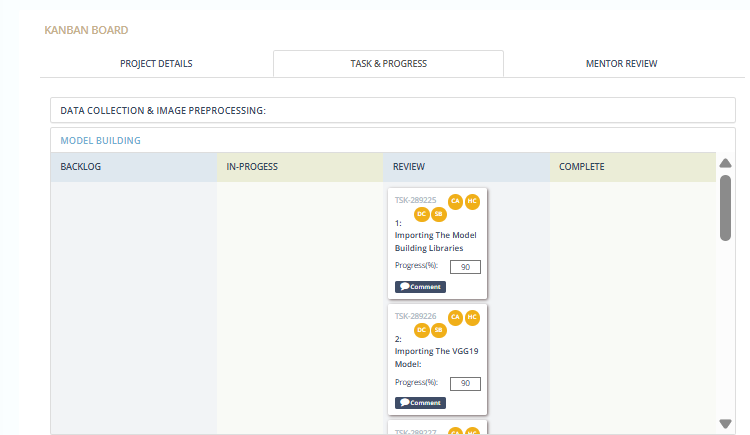
# Product Backlog, Sprint Schedule, and Estimation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-1 | Data Collection and Preprocessing | DV-1 | Collect dog breed image dataset | High | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik  Dipanjan Choudhury | 2024/03/15 | 2024/03/22 |
| Sprint-1 | Data Collection and Preprocessing | DV-2 | Clean and organize dataset | High | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik  Dipanjan Choudhury | 2024/03/15 | 2024/03/22 |
| Sprint-1 | Data Collection and Preprocessing | DV-3 | Perform EDA (visualizations, balance check) | Medium | Hiritish Chidambaram N  C Anirudh | 2024/03/15 | 2024/03/22 |
| Sprint-2 | Model Development | DV-4 | Build CNN model architecture | High | Hiritish Chidambaram N  C Anirudh | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model Development | DV-5 | Train the model on dataset | Medium | Hiritish Chidambaram N  C Anirudh | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model Tuning and Evaluation | DV-6 | Hyperparameter tuning | High | Hiritish Chidambaram N  C Anirudh | 2024/03/22 | 2024/03/29 |
| Sprint-2 | Model Tuning and Evaluation | DV-7 | Evaluate accuracy and loss | Medium | Hiritish Chidambaram N  C Anirudh | 2024/03/22 | 2024/03/29 |
| Sprint-3 | Web Integration and Deployment | DV-8 | Design front-end with HTML/CSS | Low | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik  Dipanjan Choudhury | 2024/03/29 | 2024/04/05 |
| Sprint-3 | Web Integration and Deployment | DV-9 | Integrate model with Flask | High | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik  Dipanjan Choudhury | 2024/03/29 | 2024/04/05 |
| Sprint-3 | Web Integration and Deployment | DV-10 | Local deployment and testing | Medium | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik Dipanjan Choudhury | 2024/03/29 | 2024/04/05 |
| Sprint-4 | Final Project Report | DV-11 | Prepare documentation & report | Medium | Hiritish Chidambaram N  C Anirudh  Swaroop Bhowmik  Dipanjan Choudhury | 2024/03/29 | 2024/04/12 |

# Screenshot:





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