**Initial Project Planning Template**

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| Date | 15 April 2024 |
| Team ID | Team-738205 |
| Project Name | Dog Breed Identification Using Transfer Learning |
| Maximum Marks | 4 Marks |

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

Use the below template to create a product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
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| Sprint-1 | Registration | DBIUTL-1 | As a user, I can register for the application by entering my email, and password, and confirming my password. | 1 | Medium |  | 15-04-2024 | 17-04-2024 |
| Sprint-1 |  | DBIUTL -2 | As a user, I organize images into classes for categorization. | 1 | Medium | Vidya Dinkar | 15-04-2024 | 17-04-2024 |
| Sprint-1 |  | DBIUTL -3 | As a developer, I import Image Data Generator library to augment and preprocess image data efficiently for machine learning tasks. | 2 | Medium | Vidya Dinkar | 15-04-2024 | 17-04-2024 |
| Sprint-1 |  | DBIUTL -4 | As a developer, I configure Image Data Generator class to generate augmented images and feed them into machine learning models. | 2 | Medium | Dheeraj Singh Karki | 15-04-2024 | 17-04-2024 |
| Sprint-1 |  | DBIUTL -5 | Apply Image Data Generator to train and test sets for augmentation. | 1 | Medium | Dheeraj Singh Karki | 15-04-2024 | 17-04-2024 |
| Sprint-1 |  | DBIUTL -6 |  |  |  |  | 17-04-2024 | 22-04-2024 |
| Sprint-1 |  | DBIUTL -7 | Engineer streamlined workflow, importing key libraries, accelerating model development process. | 1 | Low | Harsh Singh | 17-04-2024 | 22-04-2024 |
| Sprint-1 |  | DBIUTL -8 | As a developer, I import VGG19 model for image recognition. | 1 | Low | Harsh Singh | 17-04-2024 | 22-04-2024 |
| Sprint-1 |  | DBIUTL -9 | Configuring parameters, initializing layers—model poised, awaiting data, readying predictions. | 2 | High | Vidya Dinkar | 17-04-2024 | 22-04-2024 |
| Sprint-2 |  | DBIUTL -10 | Enhancing model complexity, intertwining neurons—bridging gaps, deepening predictive prowess. | 2 | High | Dheeraj Singh Karki | 23-04-2024 | 22-04-2024 |
| Sprint-2 |  | DBIUTL -11 | Adjusting learning rate, defining optimizer—algorithmic finesse shapes model's evolution. | 1 | Medium | Harsh Singh | 23-04-2024 | 22-04-2024 |
| Sprint-2 |  | DBIUTL -12 | Data flows through layers, weights adapt—model learns, evolving knowledge. | 2 | High | Vidya Dinkar | 23-04-2024 | 22-04-2024 |
| Sprint-2 |  | DBIUTL -13 | Preserve model's essence, safeguarding insights for future deployments, eternalizing progress. | 2 | High | Dheeraj Singh Karki | 23-04-2024 | 22-04-2024 |
| Sprint-2 |  | DBIUTL -14 | Model meets data, predicting outcomes—validating accuracy, guiding decisions, shaping futures. | 2 | High | Harsh Singh | 23-04-2024 | 22-04-2024 |
| Sprint-3 |  | DBIUTL-15 |  |  |  |  | 23-04-2024 | 25-04-2024 |
| Sprint-3 |  | DBIUTL-16 | Crafting HTML pages, weaving tags—designing digital realms, visual narratives emerge. | 2 | High | Dheeraj Singh Karki | 23-04-2024 | 25-04-2024 |
| Sprint-3 |  | DBIUTL -17 | Scripting logic, composing syntax—Python code breathes life, automates tasks seamlessly. | 2 | High | Harsh Singh | 23-04-2024 | 25-04-2024 |
| Sprint-3 |  | DBIUTL -18 | Gathering libraries, empowering code foundation laid, application poised for creation. | 1 | Low | Vidya Dinkar | 23-04-2024 | 25-04-2024 |
| Sprint-3 |  | DBIUTL -19 | Crafting Flask app, loading model—code beckons, predicting with precision | 1 | Medium | Harsh Singh | 23-04-2024 | 25-04-2024 |
| Sprint-3 | Login | DBIUTL -20 | Navigating routes, HTML pages beckon—user journeys mapped, interactions unfold, digital pathways traversed. | 2 | High | Vidya Dinkar | 23-04-2024 | 25-04-2024 |