Rice Type Classification Project Plan

Project Name Ideas

- RiceVision
- PaddyIQ
- GrainSense
- CropClassify
- AgroGrainNet

Functional Requirements (Epics)

- Image Acquisition
- Rice Type Detection
- Model Training
- Model Evaluation
- User Interface Development
- Deployment and Testing

Sample User Stories

User Story ID	User Story
RICE-001	As a user, I can upload an image of rice grains to classify the type.
RICE-002	As a data scientist, I want to label different rice varieties to train the model.
RICE-003	As a system, I can preprocess the rice image for noise removal and enhancement.
RICE-004	As a user, I can view the classification result with confidence scores.
RICE-005	As an admin, I can track model accuracy over different rice types.

Story Points & Priority Tags

- Story Points renamed as Grain Points (GP)
- Critical Grain

- Essential Harvest
- Optional Sowing

Sprint Names (Rice-themed)
- Sowing Sprint (Data Collection)
- Germination Sprint (Model Building)
- Tillering Sprint (Testing)
- Harvest Sprint (Deployment)

Velocity & Burndown Charts (Renamed)
- Velocity Chart → Yield Rate Chart
- Burndown Chart → Harvest Progress Chart