Initial Project Planning Report

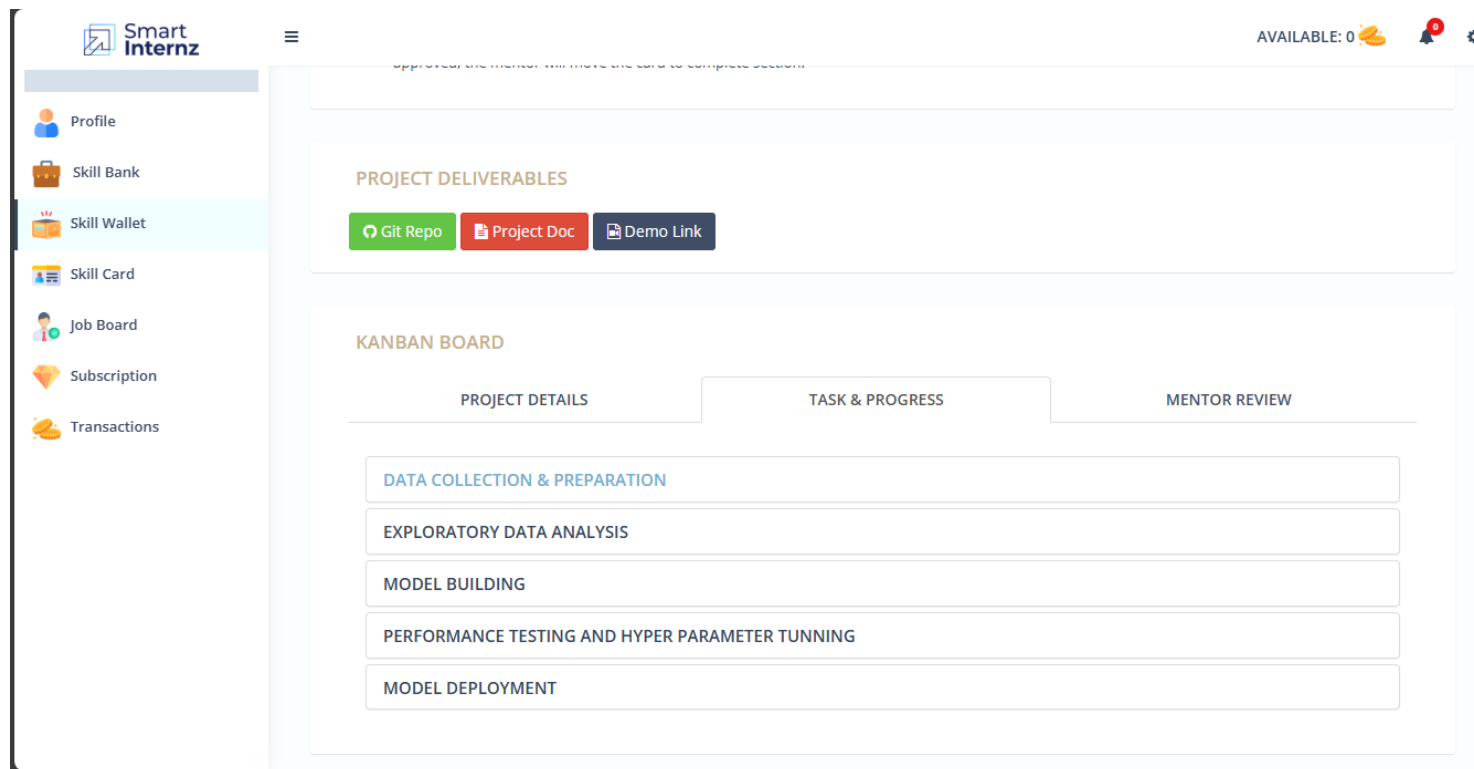| Date	08 August 2025
Skill Wallet ID	**SWUID20250188325**
Project Name	Predictive Pulse – Hypertension Stage Prediction
Maximum Marks	4 Marks

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	PP-1	Collect dataset from healthcare sources	High	Paarth Sarthi	2025/08/02	2025/08/02
Sprint-1	Data Collection and Preprocessing	PP-2	Data cleaning and handling missing values	High	Paarth Sarthi	2025/08/02	2025/08/02
Sprint-1	Data Collection and Preprocessing	PP-3	Exploratory Data Analysis	Medium	Paarth Sarthi	2025/08/02	2025/08/02
Sprint-2	Model Development	PP-4	Train Gaussian Naive Bayes model	High	Paarth Sarthi	2025/08/07	2025/08/07
Sprint-2	Model Development	PP-5	Evaluate model accuracy and performance metrics	Medium	Paarth Sarthi	2025/08/04	2025/08/04
Sprint-2	Model Optimization and Testing	PP-6	Hyperparameter tuning	Medium	Paarth Sarthi	2025/08/04	2025/08/04
Sprint-2	Model Optimization and Testing	PP-7	Test model with unseen patient data	Medium	Paarth Sarthi	2025/08/05	2025/08/05
Sprint-3	Web Integration and Deployment	PP-8	Build HTML/CSS/JS frontend form	Low	Paarth Sarthi	2025/08/05	2025/08/06

Sprint-3	Web Integration and Deployment	PP-9	Integrate Flask backend with ML model	Medium	Paarth Sarthi	2025/08/06	2025/08/06
Sprint-3	Web Integration and Deployment	PP-10	Deploy application on cloud platform	Medium	Paarth Sarthi	2025/08/07	2025/08/07
Sprint-4	Documentation and Reporting	PP-11	Create PDF reporting feature	Medium	Paarth Sarthi	2025/08/07	2025/08/08
Sprint-4	Documentation and Reporting	PP-12	Prepare final project documentation	Medium	Paarth Sarthi	2025/08/08	2025/08/09

Screenshot:

Profile

Skill Bank

Skill Wallet

Skill Card

Job Board

Subscription

Transactions

DATA COLLECTION & PREPARATION

BACKLOG	IN-PROGRESS	REVIEW	COMPLETE

TSK-356438 `PP`

Collect The Dataset

Progress(%): `90`

💬 Comment

TSK-356439 `PP`

Importing The Libraries

Progress(%): `90`

💬 Comment

TSK-356440 `PP`

EXPLORATORY DATA ANALYSIS

MODEL BUILDING