DATA ANALYTICS WITH IBM COGNOS

SMARTINTERNZ EXTERNSHIP

DATE	27 October 2023
EXTERNSHIP TITLE	Data Analytics With Ibm Cognos Analytics
PROJECT NAME	Depression: A CommonMental Disorder

TEAM MEMBERS

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Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Authentication and Authorization	US001	As a user, I want to be able to log in securely	5	High	Mahiyah & Yasmine
Sprint-1	Authentication and Authorization	US002	As an admin, I want to manage user roles and permissions	5	Medium	Mahiyah & Yasmine
Sprint-2	Dashboard Design and Layout	US003	As a user, I want an intuitive dashboard layout	10	High	Mahiyah & Yasmine
Sprint-2	Storyboard	US004	As a user, I want customizable widgets on the Storyboard	10	Medium	Mahiyah & Yasmine
Sprint-2	Data Integration	US005	As a user, I want the system to integrate with external APIs	10	High	Mahiyah & Yasmine
Sprint-1	Data Integration	US006	As a user, I want to import data from CSV files	10	Medium	Mahiyah & Yasmine
Sprint-1	Performance Optimization	US007	As a user, I want the application to load quickly and I want to see real-time updates on the dashboard	10	Medium	Mahiyah & Yasmine

Project Tracker, Velocity & Burn down Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	30	6 Days	23-10-2023	29-110-2023	30	24-10-2023
Sprint-2	30	6 Days	28-10-2023	4-11-2023	30	30-10-2023

Velocity: Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = (30/6+30/6) = 10$$

Burndown Chart:

Sprint burndown   BETA ? ⌄

5 points done, 25 points to go

● Remaining work   ● Guideline