NAME : PRANJAL PIMPALE
UCID : 012134084
MS CS

Date: 26/01/2024

ASSIGNMENT - 1

PROJECT TITLE:

AgileFlow - Empowering Agile Project Management

INSPIRATION:

Harnessing gamification fosters enhanced motivation and positive reinforcement, driving desired behaviors within teams. By leveraging behavioral economics principles, it cultivates a sense of achievement and promotes collaboration. Gamification encourages continuous learning, aligns with Agile principles, and strengthens team cohesion, inspiring a more engaging and effective project management approach within AgileFlow.

Developing a agile project management tool will require good knowledge of agile methodologies. So the aim is to learn about agile methodologies while developing a software for managing it. I think learning about this will enhance the knowledge of how things really work in corporate world.

DESCRIPTION:

AgileFlow is a user-friendly project management tool designed to facilitate agile methodologies in a creative and positive environment. It aims to streamline project workflows, encourage collaboration, and empower teams to achieve their goals with ease. Unlike traditional project management tools, AgileFlow infuses elements of gamification and positivity to make the agile process enjoyable for users of all levels, especially beginners. With features tailored for retrospectives, decision-making, and agile ceremonies, AgileFlow fosters productivity and team cohesion. Target users are anyone who wants to streamline their project management using agile principles.

FEATURES 1.0:

- Task Management: Create, assign, and track tasks within user-defined boards.
- Interactive Sprint Planning: Utilize drag-and-drop functionality to prioritize tasks and visualize sprint goals.
- User-friendly Interface: Intuitive design with customizable themes and interactive elements to enhance user experience.
- Collaborative Environment: Real-time updates, comments, and notifications to foster teamwork and communication.
- Analytics and Reporting: Generate insightful reports on sprint progress, team performance, and project metrics.

BONUS FEATURES:

- Agile Ceremonies Integration: Incorporate sprint planning, daily stand-ups, sprint reviews, and retrospectives seamlessly into the workflow.
- Retrospective Tools: Conduct retrospectives with customizable templates and voting mechanisms for feedback.
- Decision-making Support: Facilitate team decisions through polls, discussions, and voting mechanisms.

TARGET PLATFORM:

NodeJS for backend, React.js for frontend, Postgres relational database.