**Innavator Project Documentation**

**Introduction:**

The Innavator app is designed for University of Advancing Technology (UAT) students, whether new, current, or graduates, to help them develop teamwork skills, work on collaborative projects, and build professional profiles that showcase their abilities and achievements. The app’s mission is to make learning more interactive and inspire students to recognize and expand their potential in the workforce. Through Innavator, students can enhance their skills, increase job readiness, and foster innovative thinking.

Innavator was created by NeAndrea Harris, also known as Blaze, who was inspired by her experience at FedEx, where she observed the power of collaboration among employees. Her vision was to develop an app that would serve as a creative outlet, allowing students to generate and refine ideas while working together. After presenting her concept at the Student Innovation Project (SIP), Blaze refined her approach, incorporating feedback to make the app even more impactful. With the support of her dedicated team, including King, Sanyerlis, Shjon, Sean, Nathaniel, Nick Preston Markus, and Alesis, the app is being brought to life, embodying Blaze’s vision of fostering creativity, teamwork, and professional growth among UAT students.

**1. Overall Project Goals**

The Innavator project aims to:

• Enhance communication between new, current, and graduate UAT students, helping them connect with each other, build portfolios, and collaborate across different fields.

• Provide an interactive platform for students to work on innovative projects, supporting both individual skill development and teamwork.

• Increase job readiness by offering students a space to create and refine professional profiles that showcase their skills and achievements.

**2. Milestone 2 Goals**

To advance the Innavator project, the team will focus on:

• Improving the visual design and user experience to make the app look more professional and engaging.

• Transitioning the web application into a full-fledged mobile app.

• Pitching the app to student services for promotional support within UAT.

• Gathering additional feedback to guide ongoing improvements.

**3. Project Progress Toward Goals**

**Current Progress Highlights:**

• **Communication and Collaboration Development:** Research into Progressive Web App (PWA) integration and tools, such as those used by Teams and Discord, has been initiated to enhance real-time communication features.

• **Feature Development:**

• **Sanyerlis:**

• Created app user agreement and coded the front-end contact page.

• Implemented a pop-up user agreement on the contact page.

• Researched AI chatbot integration for the HTML website and backend functionality for the “Send” button.

• Drafted pitching letters to UAT and investors.

• Initiated a marketing plan draft and coded front-end pages for “Home,” “Settings,” “Welcome,” “Commission,” “Portfolio,” and “Learn.”

• **Sean:**

• Set up cloud server infrastructure.

• Modeled and implemented database structures in the backend server.

• Developed JSON API endpoints and a persistent authentication mechanism.

• Created test frontend applications for API testing and endpoint validation.

**Shelby:**

* Developed a comprehensive UAT Innavator priorities document and shared it with the team to ensure alignment on project goals, streamline our focus, and facilitate collaborative efforts toward achieving key milestones.

**Nathan:**

* Researching aboutWhiteboard set up.

**Andrew:**

You can find more feature development information on the main presentation.

**Challenges:**

• Scheduling conflicts and rescheduling due to team member availability.

• Adjusting the project timeline and task distribution with fewer active team members.

• Adapting to challenges in backend development and leadership organization as the project progresses.

**4. Project Infrastructure and Process**

**Infrastructure:**

• A cloud-based server infrastructure is operational, providing a stable foundation for backend and frontend integration.

• Database models for core features are established and are actively being refined for scalability.

• Initial testing of API endpoints and persistent authentication mechanisms is underway.

**Process Adjustments:**

• Regular meeting times and task prioritization have been adapted to address scheduling challenges.

• Communication among team members has been improved to ensure better alignment with deliverables.

**Next Steps:**

• **Refinement of User Experience:** Design improvements to enhance professionalism and appeal, making the app visually engaging.

• **App Transition:** Convert the web-based application into a mobile app for broader accessibility.

• **Testing and Feedback:** Address any remaining issues, perform comprehensive testing, and collect feedback to identify areas for further improvement.

• **Promotion and Outreach:** Begin pitching the application to UAT’s student services to increase awareness and engagement, gathering user insights to refine the app before launch.