

GROUP FINAL PROJECT

FULL STACK SKILLS BOOTCAMP

FULL-STACK APPLICATION DEVELOPMENT: FINAL PROJECT

- **Lesson Overview:**
- In this lesson, we will be introduced to:
 - Project Requirements
 - Team planning
 - Brainstorming
 - Project Concept
 - Task Distribution

EXPECTED OUTCOMES

- **Team Alignment:**
Clear understanding of each member's responsibilities.
 - Agreement on communication tools (e.g., Slack, Discord) and workflow (e.g., Git branching strategy).
- **Project Concept:**
Finalize the application's purpose and functionality.
 - Write a preliminary user story (e.g., “As a user, I want to...”).
- **Task Distribution:**
Assign tasks for research and wireframing to prepare for Session 2.

KEY ACTIVITIES

- **Discussion:**

Share individual strengths and interests.

- Pitch project ideas and vote on the final concept.

- **Role Assignment:**

Example roles:

- **Frontend:** Component creation, UI design.
- **Backend:** API development, database management.
- **Integration:** Coordinating frontend-backend communication.

KEY ACTIVITIES

- **Initial User Story Creation:**
Define core application use cases and user needs.
- **Action Plan:**
Assign preparatory tasks (e.g., research, sketching wireframes).

CHALLENGES TO ADDRESS

- **Scope Management:**
Ensure the project fits the timeline.
- **Technology Selection:**
Choose tools that align with team expertise while fulfilling the “new tech” requirement.
- **Team Collaboration:**
Establish effective communication to avoid bottlenecks.

ACCEPTANCE CRITERIA RECAP

- The application must:
 1. **Display and Receive Input:** User interaction feature (e.g., forms, search bar).
 2. **Use Authentication:** Login, registration, and logout system.
 3. **Be Responsive:** Work seamlessly on desktop, tablet, and mobile.
 4. **Error-Free and Intuitive UI:** User-friendly and visually appealing.
 5. **Integrate New Technology:** Use a library or tool not covered in class.

NEXT STEPS

- **Session 2 Preparation:**
Complete assigned research and share findings.
- Draft wireframes or prototypes for the chosen concept.
- Set up the initial project repository (frontend and backend scaffolding).

GOOD LUCK!

“Great things are done by a series of small things brought together.” – **Vincent Van Gogh**

Let's start building something amazing!

QUESTIONS?