

# 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?