

# Final Project Guidelines

As you progress towards the completion of your bootcamp, your Final Project will serve as a culmination of everything you've learned. This project is designed to assess your ability to apply AI concepts in a real-world setting. Below are the detailed guidelines for your final submission.

## Final Project Components

Your final project consists of **five** key deliverables:

### 1. Project Proposal (Already Submitted) (5 pts)

A 2-page proposal covering:

- Project Idea
- Rationale
- Market Relevance
- Methodology and Workflow
- ERD Diagram

Once the proposal has been accepted, you are expected to work on the following:

### 2. Project Report (25 pts)

A comprehensive document (5-10 pages) detailing:

- Introduction – Restate the problem and objectives.
- Technical Approach – Methodology, tools, and frameworks used.
- Development Process – How you implemented the project step-by-step.
- Outcomes and Results – Key learnings, insights, and improvements made.
- Challenges and Solutions – Roadblocks faced and how you resolved them.
- Future Improvements – Potential recommendations for future work.

### 3. GitHub Repository (50 pts)

- Upload your fully functional project to GitHub.
- Ensure your repository includes:
  - Well-structured codebase
  - A detailed README file explaining project setup, features, and usage instructions.
  - Documentation for installation and dependencies.
- Submit the GitHub repository link along with your report.

### 4. Project Video/Snippet (10 pts)

- Create a short video (2-3 minutes) showcasing:
  - End-to-end workflow of your project.

- Key functionalities and user experience.
- The video should clearly demonstrate how the system works.

### **5. Final Presentation (10 pts)**

- Prepare a 5-minute class presentation (3 minute presentation, 2 minutes Q/A) covering:
  - Project Idea and Rationale – What problem you aimed to solve.
  - Workflow and Technical Details – ERD, system architecture, methodologies used.
  - Challenges and Solutions – Any technical difficulties faced and how you resolved them.
  - Project Outcomes – What you achieved and potential future enhancements.
- Be ready for a Q&A session with peers and instructors.

### **Submission Guidelines**

- Deadline: 23-Feb-2025

### **Submission Format:**

- Project Report (PDF)
- GitHub Repository Link
- Project Video (MP4/YouTube Link)
- Presentation Slides (PPT/PDF)

### **Evaluation Criteria**

Your project will be evaluated based on:

Technical Execution – Quality of implementation and functionality.

Innovation and Relevance – Practicality and uniqueness of the solution.

Code Quality and Documentation – Clarity, structure, and maintainability.

Presentation and Communication – How well you articulate your work.

This is your chance to showcase your skills and creativity - make it count! If you have any questions, feel free to reach out.

Good luck, and happy coding!