

## **Project Charter – Wooden Spoon Recipe Sharing Platform**

### **Identification**

Project Title: Wooden Spoon – A Modern Recipe Sharing Platform

Team Name: L04 SegFaults

Team Members: Samira Almuallim, Estella Arnott, & Aakash Singh

Date: September 24 2025

### **Project Overview / Background**

The Wooden Spoon project is a web app designed to simplify the process of uploading, finding, & sharing recipes. Many existing recipe sites are cluttered with ads, have poor filtering tools, and overall make browsing difficult. Wooden Spoon offers a focused, dynamic platform with simple roles & clean design.

### **Project Purpose (Objectives)**

Build a user-friendly recipe sharing app with upload, view, save, and interaction features.

Provide role-based access (User, Admin) to maintain platform safety and quality.

Integrate modern UX features such as filtering by ingredients, time, and difficulty.

Deliver a functional MVP within the term, aligned with project requirements and deadlines.

### **Business Needs or Opportunities (Needs)**

Centralization: Users often rely on scattered recipe blogs; Wooden Spoon provides one organized hub.

Improved UX: Reduce reliance on ad-heavy, cluttered platforms - Wooden Spoon will have no adds

Community Building: Create an accessible, ad-less environment where creators and home cooks engage directly.

Future Potential: An algorithm to recommend new recipes, as well as LLM integration

### **Scope**

#### **Functional Reqs:**

User Features: Login, post recipes, browse/search, filter by ingredients/difficulty/time, & rate recipes.

Admin Features: Moderate content, manage tags, handle reports, feature or delete recipes, ban users

System Features: Role-based access, responsive UI, secure backend with SQLite database, dynamic pages (home feed, profiles, recipe detail pages, collections, admin dashboard)

Optional Features (Stretch Goals): LLM integration - AI summarization and recommendations

### **User Requirements**

Easy navigation and recipe discovery.

Reliable filters for dietary needs and allergies.

Smooth uploading and editing of recipes.

Safe environment maintained by admins

### **Key Stakeholder Summary:**

End Users/Home Cooks: Access and engage with recipes.

Recipe Creators/Bloggers: Upload and showcase content.

Admins/Moderators: Ensure quality and trust via moderation.

Project Team Members: Development and delivery of MVP.

Teaching Staff/TAs: Oversight, feedback, and assessment.

### **Project Milestones**

- Week 1–2: Requirements gathering, design mockups, database schema
- Week 3–4: Backend setup (Flask n SQLite), user authentication
- Week 5–6: Core features: recipe upload, browse/search, collections
- Week 7: Admin tools, bug fixes, system testing
- Week 8: Final polish, documentation, deployment, and demo

### **Big Deliverables/Milestones:**

Design documentation and mockups

Flask + SQLite backend with authentication and data storage.

Web frontend with recipe upload and search features.

Admin dashboard with moderation tools.

Final report, demo, and project handoff.

### **Assumptions**

Team members will contribute 5 hours per week outside of lab.

Hosting will be done via self-host or free service (e.g., Heroku, Render)

Initial user base will be small (team, TAs, limited testers)

AI tools may be used to assist development (coding, summarization) - but only with attribution

### **Constraints**

- 8-week timeline with limited resources.
- Team of 3 developers with varying experience levels.
- Limited budget for hosting and optional AI integration.
- MVP must be live by December 5, 2025 for sign-off.

### **Charter Acceptance**

By approving this charter, stakeholders acknowledge alignment on scope, purpose, and objectives:

#### **Signed:**

Aakash Singh: Aakash

Estella Arnott: Estella

Samira Almuallim: \_Sami