

| PROJECT CHARTER | | |
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| Project Name | KitchenSync | |
| Date Produced | January 21, 2026 | |
| Project Goals | Reduce Household Food Waste Increase Awareness of Food Inventory and Expiry Dates Help Improve Meal Planning and Budgeting Create a User-Friendly App | |
| Project Objectives | Develop an App using an MVC Architecture Implement CRUD Functionality for Food Items and Storage Enable Expiry-date Tracking and Status Generate Basic Recipes from Available Ingredients and Expired Items Deliver Working MVP within Constraints | |
| Project Budget | \$0 | |
| Project Sponsor | Dr. Timothy Maciag | |
| Project Manager | Deran Cross | |
| Additional Key Project Stakeholders | | |
| Internal Stakeholders <ol style="list-style-type: none"> Project Team Members - Zifran Chowdhury, Deran Cross, Emmanuel Dairo, Ikechukwu Ogowuihe Project Sponsors – Dr. Timothy Maciag | | |
| External Stakeholders <ol style="list-style-type: none"> Potential Customers | | |
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| Overall Project Milestones | | Dates |
| Planning & Research Prerequisites & System Design Progress Scrum Project Delivery & Closing | | January 28, 2026 March 04, 2026 March 18, 2026 April 08, 2026 |
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Overall Project Risks

1. A secure database for the recipe suggestion
2. Learning curve regarding technology to be used for front and back-end development
3. Features such as barcode scanning and external APIs added beyond the MVP
4. Fixed two-month development timeframe
5. Team coordination and integration