

SP-5 GREEN: Grocery List App

CS 4850: Section 01, Spring 2026, January 22nd

Project Team

Roles	Name	Role	Contact (Cell Phone)
Team leader	Chris Heyward	Developer / Team Leader	561.801.6291
Team members	Kevin Gomes	Developer	404.583.8664
	Tate Swidorski	Documentation / Testing	404.202.6008
Advisor / Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	770-329-3895



Tate Swidorski



Kevin Gomes



Chris Heyward

1.0 Project Overview

PHASE 1 — The overall project is to make a mobile grocery list application. This app will allow users to login, set up their own grocery lists, and collaborate on other people’s lists. The lists will be able to update in real time when a user adds, deletes, or edits an item.

PHASE 2 — The remainder of the project will be adding features such as: autocomplete item names when searching, a way to calculate the potential cost of items, or even some location features. Phase 2 may be subject to change depending on the difficulty to implement them or the cost to afford them.

The project will be created using the Flutter framework, Spring Boot for backend development, and Firebase for the authentication and database systems.

2.0 Project website

Project Website: <https://greenlist.com>

Disclaimer: this is subject to change

Deliverables - Specific To Your Project

We will deliver a Final Report which will include the Software Requirements Specification and Software Development Design documentation. Include the source code, the link to the GitHub repository, and a video demonstration/presentation of the grocery list application and its features.

Collaboration and Communication Plan

We will be meeting weekly on Wednesdays at 9 pm on Discord. Where we will assign one another tasks, discuss progress, and manage overall workflow.

Project Schedule and Task Planning

Project Work Plan:

Project Name:		SP-5 Green: Grocery List App																	
Report Date:		1/25/2026																	
Deliverable	Tasks	Complete%	Current Status	Memo	Assigned To	Milestone #1				Milestone #2				Milestone #3				C-Day	
						02/01	02/08	02/15	02/22	03/01	03/08	03/15	03/22	03/29	04/05	04/12	04/19		04/26
Requirements	Meet with stakeholder(s) SH	0%	Pending		Chris, Tate	20	12	5											
	Define requirements	0%	Pending		Chris, Tate		10	15											
	Review requirements with SH	0%			Chris, Tate			5	10										
	Get sign off on requirements	0%	Approval pending		Chris					4									
Project design	Define tech required *	0%	Define tech stack, tools		Tate			10	4										
	Database design	0%			Tate, Kevin			5	10	10									
	Frontend / UI	0%			Chris, Tate				10	10									
	Backend / System logic	0%			Kevin, Tate		6	6	10	5	5								
	Develop working prototype	0%			Chris, Tate				10	10									
Development	Test prototype	0%			Tate					5	10	5							
	Review prototype design	0%			Chris, Kevin					8	5	10							
	Rework requirements	0%								8	10	20	20						
	Document updated design	0%									8	5	20	10					
	Test product	0%										8	5	20					
Final report	Presentation preparation	0%			All									15	10	10			
	Poster preparation	0%																	
	Final report submission to D2L and project owner	0%			Chris													5	
	Total work hours					396	20	22	31	31	28	35	30	26	20	38	35	45	10

* formally define how you will develop this project including source code management

Legend

Planned

Delayed

Number Work: man hours

Version Control Plan

We will be setting up a group GitHub account where we can collaborate, utilizing different branches to organize and keep track of our tasks.