



Team Project Proposal : Grocery With Me

Team Name	Team 2
Members	Heesuk Jang, Jacob Hallberg, Hanye Han, Seungjeong Park, Juan Vargas-Murillo
Description	The everyday, communal, merge-capable grocery list for Android. Cleanliness, elegance, and efficiency are what we strive for. Creating the grocery list app by tackling the idea head on from multiple perspectives and approaches. In addition to user usability, we want to create the most functional listing service we can devise and distribute it to the consumers that need it. Grocery With Me will be created with communal use in mind. Sync-able, multiple user input on one or more lists will be provided to the user. Convenience and ease of use will be given by a user friendly GUI that brings the learning curve down to an intuitive level.
Vision Statement	People use "Grocery With Me," to easily track and manage a grocery list while being connected with friends and families.
Motivation	We live in a world where computers and technology govern the way our daily lives are organized. Mobile integration with life is a continual trend and everyday needs can be made easier with smart mobile applications. Communal food gatherings require large amounts of planning and often lack the necessary communication for efficiency. Even with phone calls and text messages, the grocery list process is encumbered with an inaccurate passing of knowledge. Instead, "Grocery With Me" lets people to simultaneously track and update the grocery lists.
Risks	Most of our team members do not have experience developing Android apps. This indicates that we might face the uncertainty associated with setting up infrastructure, finding suitable development tools, establishing technical requirements, and estimating the size of the development in terms of time and resources. We also acknowledge a potential obstacle to come up with the available times for in-person team meetings when necessary due to different schedules of the team members.
Risk Mitigation Plan	We will be using online learning sources like "Pluralsight" and on-going communication through the web collaboration tool "Slack." Bridging the gap between the unskilled and skilled will occur through this collaboration tool and bringing the total disparity of our diverse team environment down.
Version Control	<div><h2>GitHub</h2></div>

Development Method	<p>We plan to use Agile/Scrum and Kanban methodologies. We believe that these combined methods will enable us to facilitate collaboration as a team to resolve any obstacles as quickly as possible. We will proceed to implement the following features on time yielding high quality deliverables not only in each sprint but also throughout the development process.</p> <p>The following describes the features/user stories we plan to implement:</p> <ol style="list-style-type: none"> 1. As a user, I want to create one or more grocery lists using my mobile phone to remind myself what I need to buy. 2. As a user, I want to add one or more items to a grocery list using my mobile phone to prevent me from missing any item to buy. 3. As a user, I want to delete one or more items from a grocery lists using my mobile phone to avoid buying unnecessary items. 4. As a user, I want to delete a grocery list from my mobile phone when I no longer need the list. 5. As a user, I want to share one or more grocery lists with others and allow editing of the list so that someone else can use the list I created. 6. As a user, I want to name my grocery list so that I can easily identify different lists I created. 7. As a user, I want to check off items in a grocery list so that I know what items I have already collected and what items still need to be gathered. 8. As a user, I want all the members I shared a list with to be able to create, add, or delete items from a grocery list so that multiple people can efficiently use a list.
Collaboration Tool	

No.	Estimated Story Sizing	Priority	User Story
1	13	High	As a user, I want to create one or more grocery lists using my mobile phone to remind myself what I need to buy.
2	8	High	As a user, I want to add one or more items to a grocery list using my mobile phone to prevent me from missing any item to buy.
3	8	High	As a user, I want to delete one or more items from a grocery lists using my mobile phone to avoid buying unnecessary items.
4	5	High	As a user, I want to delete a grocery list from my mobile phone when I no longer need the list.
5	13	High	As a user, I want to share one or more grocery lists with others and allow editing of the list so that someone else can use the list I created.
6	7	High	As a user, I want to name my grocery list so that I can easily identify different lists I created.
7	6	High	As a user, I want to check off items in a grocery list so that I know what items I have already collected and what items still need to be gathered.
8	13	High	As a user, I want all the members I shared a list with to be able to create, add, or delete items from a grocery list so that multiple people can efficiently use a list.