<Shopping & Grocery List (BuyList) App>

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<Computer Science>

Revision History

Last User to make Changes	Date	Summary of Changes
Majed Alguthmi	2/4/2018	Initial Release
Majed Alguthmi	2/18/2018	1. Adding the status for the first sprint stories. 2. Calculating the velocity. 3. Adding the actual hours spent for each task in the sprint#1. 4. Writing the retrospective. 5. Creating the sprint#2 backlog
Majed Alguthmi	3/3/2018	1. Adding the status for the second sprint stories. 2. Calculating the velocity. 3. Adding the actual hours spent for each task in sprint#2. 4. Writing the retrospective. 5. Creating sprint#3 backlog.
Majed Alguthmi	3/18/2018	1. Adding the status for the third sprint stories. 2. Calculating the velocity. 3. Adding the actual hours spent for each task in sprint#3. 4. Writing the retrospective. 5. Creating the sprint#4 backlog.

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Vision Statement:

For cell phone users of all ages who want to improve the quality of their grocery shopping by making it faster and easier. The Shopping & Grocery app is a mobile application allow users to keep track with their shopping list. Making a list can help you to classify and focus on the items you need to buy etc. Unlike traditional mobile application such as "Shopping List" and "Grocery Shopping List Ease", our product allows users a lot of the features that will make the using of Shopping & Grocery List app easier and more enjoyable to use.

Categories of Users:

Common people - with little knowledge about handling the device.

Actor-goal list:

Actor	Goal
Shopping list user	Create a list
	Browse list of available items
	Chose products
	Adding item details
	Deleting item
	Adding note
	Sorting items
	Showing the items prices
	Sharing list
	Deleting list
	Rename list

User Stories:

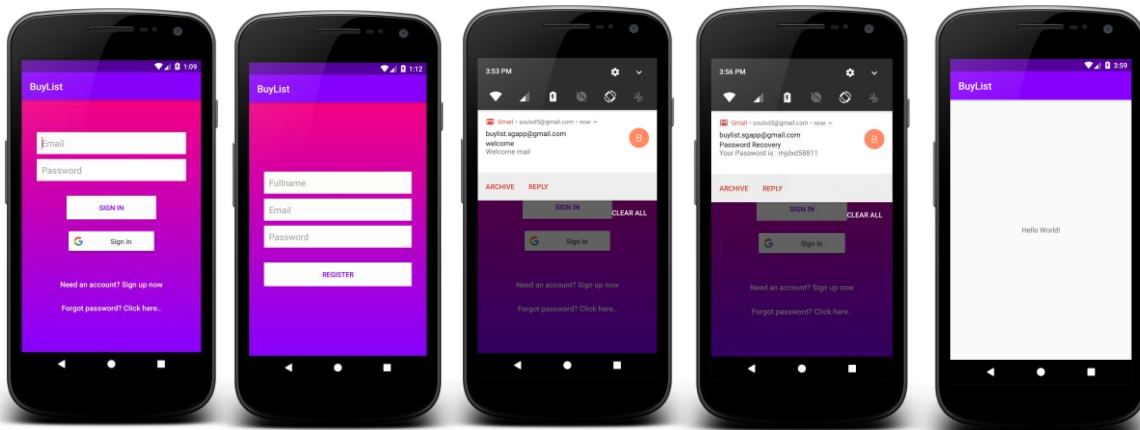|	
Estimated Effort: 12 Story Points As a user, I want to be able to choose products that I want from a list of products.	**Estimated Effort: 20 Story Points** As a user, I would like to be to take photo and record video.
Estimated Effort: 20 Story Points As a user, I would like to be able to add notes.	**Estimated Effort: 15 Story Points** As a user, I want to be able to use the alarm and reminder for shopping.
Estimated Effort: 20 Story Points As user, I would like to be able to add the goods' prices.	**Estimated Effort: 14 Story Points** As a housewife, I want to be able to add the location of groceries shopping.
Estimated Effort: 15 Story Points As a user, I would like to be able to sort products.	**Estimated Effort: 17 Story Points** As user, I want the app is will designed and easy to use.
Estimated Effort: 14 Story Points As a husband, I would like to be able to share and print my shopping list.	**Estimated Effort: 16 Story Points** As a housewife, I want to be able to reset my password easily and safely.
Estimated Effort: 17 Story Points As user, I want to be able to add a record sound.	**Estimated Effort: 20 Story Points** As a housekeeper, I want to be able to add images
Estimated Effort: 14 Story Points As a housewife, I would like to be able to draw.	

Product Backlog:

Story ID	Story	Story Points	Priority	Status
S1	Allow user to sign in	18	1	Uncompleted
S2	Allow user to create account.	19	2	Completed
S3	Create user profile.	15	3	Completed
S4	Allow user to reset or send password.	20	4	Completed
S5	Allow the user to create a shopping list	15	5	Completed
S6	Allow user to add item by sort area of interest.	17	8	
S7	Allow user to choose items from item list.	16	7	Completed
S8	Allow the user to add details fore each item.	17	11	
S9	Allow the user to check all, delete all, and uncheck all.	18	9	
S10	Allow user to add a reminder for the list.	20	10	
S11	Allow user to share their shopping list.	18	12	
S12	Allow user to delete their account.	16	6	Completed

Sprint #1

Sprint Backlog

Story ID	Story / Task	Estimated Hours	Actual Hours
S1	Designing user signing in UI.	6	6
	Allow the user to sign in by google account	8	-
	Adding sign in google button	2	2
	Allow the user to sign in by any account	8	11
	Adding the sign in button	2	2
S2	Designing user account UI	7	7
	Adding create account button.	2	2
	Allow the user to add his name, email and password	5	6
	Adding register button	2	2
	Sending welcome message by the user email.	9	12
	Adding the forget password button.	1	1
	Allow the user to receive the forgotten password by an email	8	10

Review:

Retrospective:

For this iteration, I planned to complete the two stories S1 and S2, and I almost finished from all the tasks except "Allow the user to sign in by google account". I'm planning to fix this task with another sprint letter. I spent too much time more than I planned on how to make the application send the welcome message and the password to the user. Also, I added two more tasks under the S2. I added the forget password button to help the user when he forgets his account. In my opinion, this experience helped me to learn more.
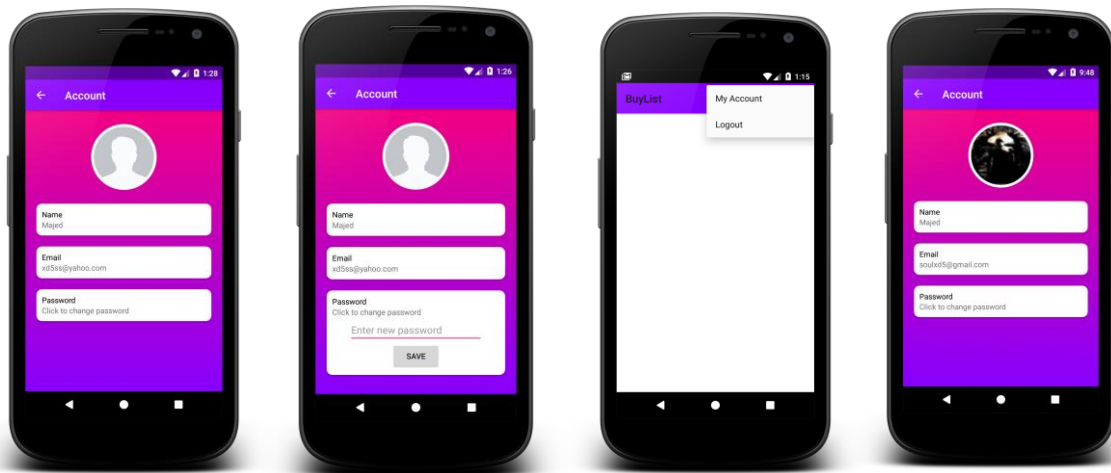
Project velocity: 19

Sprint# 2

Sprint Backlog

Story ID	Story / Task	Estimated Hours	Actual Hours
S3	Adding sign out button	1	1
	Allow the user to Sign out the app	6	7
	Adding the account button	1	1
	Designing user account in UI.	5	9
	Adding the user account information in the account UI.	7	11
	Adding the return button in the account UI.	1	1
S4	Adding the reset password button in account UI	1	1
	Allow the user to change the password in account UI	10	13

Sprint Goal:

The user can see his account information, also he can reset and change his password.

Review:

Retrospective:

For this iteration, I planned to complete the two stories S4 and S5, and both of the stories are completed. I spent more times than I was planned on designing the account UI.
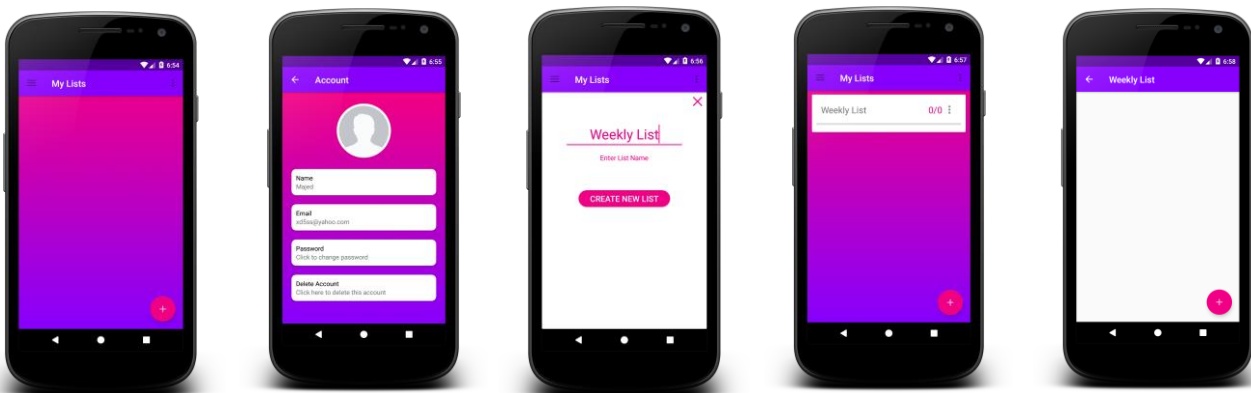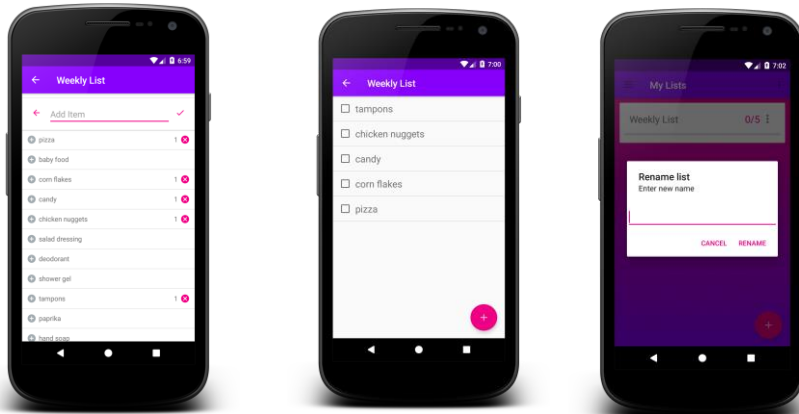
Project velocity: 35

Sprint# 3

Sprint Backlog

Story ID	Story / Task	Estimated Hours	Actual Hours
S12	Adding the deleting account button in Account UI	1	1
	Allow the user to delete his account	13	15
S5	Design the My Lists UI	5	5
	Allow user to create a shopping list.	8	10
	Allow the user to see the number of items in each list.	5	7
	Allow the user to rename a shopping list	6	6
	Allow the user to delete list.	9	9
S7	Design the shopping list UI.	5	5
	Allow the user to add item from the items list	11	18
	Allow the user to write item.	6	7
	Adding a return button to the My Lists UI.	3	3

Review:

Sprint Goal:

> The user can create his shopping lists and adding items for shopping.

Retrospective:

> For this iteration, I planned to complete the three stories S5, S7 and S12 and all of the stories are completed. I spent more times than I was planned. I faced some difficulty with creating the shopping list and allowing the user to adding items in the list, but everything is work correctly.

Project velocity: 47

Sprint# 4

Sprint Backlog

Story ID	Story / Task Allow user to add item by sort area of interest	Estimated Hours	Actual Hours
S6	Adding the sort button	1	
	Allow the user to sort the items (By popular and Alphabetically)	20	
S9	Adding check all button for the items	1	
	Adding delete all button for the items	1	
	Adding uncheck all button for the items	1	
	Allow the user to check all the items	8	
	Allow the user to delete all the items	9	
	Allow the user to uncheck all the items	6	

Sprint Goal:

The user is able to choose items by popular or alphabetically.