

Team 16

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1. Project vision

Vision statement

- For people looking for a healthier, more involved lifestyle
- who need to use their ingredients,
- the Natural Ingredient System
- is an information system
- that will provide a wealth of cooking recipes to people that are looking to broaden their diet.
 - The system will provide a variety of cooking recipes that can be accessed right at your fingertips.
 - This system will provide ingredient filtering of recipes to save world food waste.
- Unlike current Icelandic eating habits,
- our product will simplify the decision making process and provide an easy opportunity for people to use the ingredients they already have.

1.1 Background (What triggered this)

- Based on recent studies it appears that roughly 60% of all web users use the internet on their smartphones. Of that 60% we can also see that 90% of that time is spent using apps rather than the browser itself. This indicates that there is a large market we could reach by providing a smartphone application. Additionally this would make it easier to access recipes while cooking.

1.4 Success metrics

- Measure site visitation and engagement and use that to springboard into bigger advertisement offers

2.2 Scope of initial release

- The service should have a reasonably sized bank of recipes that can be filtered by desired ingredients.

2.3 Scope of subsequent releases

- Creator tier to allow user recipes
- Additional login methods such as Google Credentials or Facebook

3.3 Deployment considerations

- A relatively new android smartphone is required to run the application.
- The application requires an internet connection to run.
- It will initially be available on the Google Play store.

2. Product backlog

User Stories

1. As a user it would be comfortable to have recipes initially shown in brief format so that I can quickly flip through them.
2. As a user I would like to have the ability to filter recipes by their ingredients. This will enable me to use the ingredients I have at home.
3. As fitness coach I want the ability to filter recipes based on the nutritional requirements of my clients diet. This will let me quickly put together meal plans for my work.
4. As a user I want to be able to give recipes I have used a rating. This way I can let others know how good the recipes are.
5. As a user I would like to be able to order recipes by their rating grade. This way I can be sure that I will be using a good recipe.
6. As a user I would like to be able to sort recipes in order of their macro nutrients. This will let me pick healthier versions of the meals I am looking for.
7. As a user I want to be able to create an account so that I can more easily interact with the app.
8. As a user I want to be able to store my favorite recipes. That way I can easily find them later.
9. As a user I want to be able to share recipes to my social media accounts. This will allow me to let friends know what I'm cooking.
10. As an ad provider I want my products to be shown on relevant recipes. That way interested people can buy my product.

3. User Story estimates

Feature	Best Case	Most Likely Case	Worst Case	Expected Case
1.	2	3	4	3
2.	5	6	8	6.167
3.	3	3.5	5	3.667
4.	1	1.5	2	1.5
5.	1	1.5	2	1.5
6.	5	6	7	6
7.	5	6.5	8	6.5
8.	2	3	4	3
9.	1	1.5	3	1.667
10.	4	6	8	6
Total				39.001

4. Project schedule

Sprint	Feature	Priority	Work	Start	Finish
Sprint 1	1				