

REQUIREMENTS LIST

R_ID: 1

Requirement: Create a form to gather recipe data

Justification: This is a core functionality of the webpage, in order for users to be able to upload and share recipes.

Priority: CORE REQUIREMENT

R_ID: 2

Requirement: Enable Continuous storage of entered user recipes in a database

Justification: This requirement pertains to the core functionality of the web app. Our team discussed during our initial sprint meetings this feature was necessary.

Priority: CORE FUNCTIONALITY

R_ID: 3

Requirement: User registration and authentication

Justification: Enabling user registration and authentication will allow for users to create accounts to associate with their saved recipes, thus this pertains to core functionality.

Additionally, other industry standard sites including AllRecipes and TasteofYum all include some sign up features.

Priority: CORE FUNCTIONALITY

R_ID: 4

Requirement: Ability to edit recipes

Justification: Our team was discussing user experience, and noted how having no way to make changes to recipes would hinder user experience.

Priority: NON FUNCTIONAL REQUIREMENT

R_ID: 5

Requirement: Decide on filter mechanisms which will be used to sort recipes, and incorporate into the UI of the website

Justification: Many other recipe websites already exist, so we also wanted to prioritize including an intuitive interface to sort the recipes you have stored. Market analysis showed other popular sites sorted using factors such as what cuisine category and what kind of meal the recipe falls under.

Priority: NON FUNCTIONAL REQUIREMENT

R_ID: 6

Requirement: Revise and display user agreement on the site

Justification: Our team decided that recipes would be able to be shared publicly on our site. Similar to other platforms, we wanted to include a user agreement to take accountability for what our users are sharing

Priority: CORE FUNCTIONALITY

R_ID: 7

Requirement: Responsive design

Justification: Our team decided it would be best not to limit our product to one kind of interface, such as desktops or mobile devices. By incorporating responsive web design our product will be able to reach the broadest audience.

Priority: NON FUNCTIONAL REQUIREMENT

R_ID: 8

Requirement: Ability to upload images alongside recipes

Justification: From market research we noticed it is rare for a recipe website to purely be text based. Likewise, all top recipe websites had some kind of visual representation with their recipes.

Priority: NON FUNCTIONAL REQUIREMENTS

R_ID: 9

Requirement: Rating system for recipes

Justification: In order for the platform to push quality recipes, we wanted to provide a place where users can rate recipes. That way recipes with higher ratings could be shown on our featured section. Other recipe sites also almost always include a rating alongside each recipe.

Priority: NON FUNCTIONAL REQUIREMENTS

R_ID: 10

Requirement: Website should allow users to bookmark/save recipes they are interested in

Justification: Our market research showed that similar websites almost always allowed users to save recipes for future reference.

Priority: NON FUNCTIONAL REQUIREMENTS

R_ID: 11

Requirement: Incorporate dietary filters (vegetarian, gluten-free, etc.)

Justification: With growing dietary concerns, enabling users to filter recipes based on dietary preferences would improve accessibility and inclusivity of the platform. Competitors already provide this functionality.

Priority: NON FUNCTIONAL REQUIREMENT

R_ID: 12

Requirement: Implement search functionality for recipes

Justification: Allowing users to quickly search for specific recipes will enhance user experience and improve the usability of the site. Many competitors already have advanced search features.

Priority: NON FUNCTIONAL REQUIREMENT

R_ID: 13

Requirement: Recipe Entry Forms should prevent common mis-inputs

Justification: Our team decided in order to avoid bugs and issues with our app breaking, we should limit common mis-inputs.

Priority: NON FUNCTIONAL REQUIREMENTS

R_ID: 14

Requirement: Create a form for user feedback

Justification: Trying to prove our entire codebase correct would be unreasonable. Instead, an a common industry practice we decided to follow is supplying a form for user feedback.

Priority: CORE REQUIREMENT

Status: COMPLETE

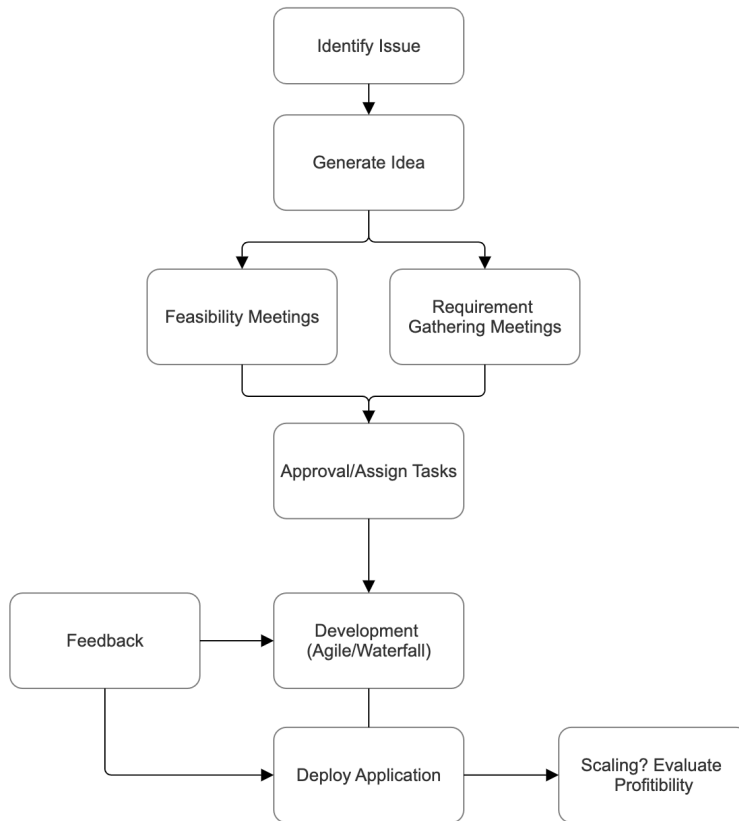
STAKEHOLDERS:

- Forestview employees
- Forestview's investors
- Forestview legal representatives
- Recipe contributors/authors
- Third party services, such as cloud hosting and payment processing if utilized
- Regulatory authorities such as in Data Privacy
- End users of Forestview's website
- Forestview's Advertisers/Sponsors
- Going forwards, possibly API providers
- Forestview security, storage of user data

Activity Diagram:

- Identify Issue: Eating out is getting unaffordable, people need access to easy recipes
- Idea Generated: Monetize a platform for sharing recipes
- Feasibility Meetings: Discussion of scope and costs
- Requirement gathering meetings
- Approve project and begin coding using agile and waterfall methods
- Deploy app
- Continue to improve app using user feedback

- Evaluate profitability and discuss future plans such as scaling



CLASSES

Recipes
addRecipe() updateRecipe() deleteRecipe() shareRecipe() rateRecipe() reportRecipe() filterRecipes() searchRecipes() bookmarkRecipe() gatherInitialRecipes() createDietaryFilters()

Specific Stakeholders:

Going forwards, possibly API providers

End users of Forestview's website

UI
<ul style="list-style-type: none">-implementAccessibilityFeatures()-implementColorTheme()-createFormConstraints()-optimizeFrontend()

Specific Stakeholders:

-Forestview's Advertisers/Sponsors

End users of Forestview's website

Users
<ul style="list-style-type: none">-userLogin-userSignUp-userFeedback-accountDetails/P references-handleUserData()-addUserAgreement()

Specific Stakeholders:

Forestview security, storage of user data

Regulatory authorities such as in Data Privacy

Third party services, such as cloud hosting and payment processing if utilized

researchAndOrganization
design_ideas monetization_ideas analyzeFoodTrends() compareWebsites() ScrumMeetings() taskDistribution() taskProgression() qualityChecks() finalizeRequirements()

Specific Stakeholders:

- recipe contributors and authors
- Forestview legal representatives
- Forestview's investors

Forestview employees