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Release Plan

Product Name - RentMyJunk
Team Name - RMJ Development Team
Release Name - RMJ Release 1.0
Release Date - December 2019
Revision Number - 0
Revision Date - n/a

High Level Goals

Polished, user-friendly front end
Backend with database to search postings
User profiles with comments and a ratings systems
Google maps and captcha integration
Automated email system to retrieve and reset passwords

Product Owner Specs

Simple to sign up and create an account
Intuitive links/easy to navigate
Find nearby rentals
Post a rental and find interested people
Convenient way to chat with people
Respect my privacy
Check credibility of other people
Secure payment system
Is a credible site/company
Account recovery
Catchy Logo
New user friendly
Safe from cyber attacks/DDOS
Shares the company's mission and values
Bug free website so the user isn't frustrated
Able to receive Contact/Feedback from customers

User Stories for Release

Sprint 1

Priority	User Stories	Implementation	Time	Story Points
1	As a user, I want to be able to navigate a neat and organized website.	Website draft	½ hour	3
2	As a user, I want to be able to access any part of the website from any page with ease	Collapsible sidebar	4 hours	5
3	As I user, I want to see an attractive logo for the application.	Logo	½ hour	3
4	As a user, I want the website to have a consistent and neat layout for better user-friendliness	Functioning header with sidebar	1 hour	5
5	As a user, I want to be able to use the website on the go without hassle	Mobile friendly collapsible sidebar + header	2 hours	5
6	As I user, I want to know my login details cannot be leaked	Login page	2 hours	13
7	As a rentee/renter, I want to be able to see profiles of other users so that I can check their information and reputation	Profile page	½ hour	21
8	As a user, I want to be able to see recent posts for rentals.	Home page	3 hours	8

9	As a user, I want to know more about the website I'm using, and what their goal/mission is.	About page	4 hours	1
10	As a customer, I want to be able to safely pay for services so that I don't get scammed.	Payment page	8 hours	21
11	As a user, I want to be able to search for postings that match what I'm looking for, without scrolling through lots of irrelevant posts	Database searching logic	15 hours	8

Sprint 1 SPIKES

1. Learn how to use Flask
2. Learn how to use Bootstrap
3. Learn how to setup web server
4. Learn how to use the Google Maps (Embedded or JS) API (prep for future)
5. Learn how to use Paypal's API

Sprint 2 (Remember to never spend more than 50%)

Priority	User Stories	Implementation	Time	Story Points
1	As a user, I want to know if another user is trustworthy and reliable	Ratings system	21 hours	8
2	As a user, I want to be able to haggle and communicate with other users privately, through a secure system	Private messaging system	15 hours	21

3	As a user, I want to be able to securely pay other members	Payment verification	30 hours	13
4	As a user, I want to be able to report problems with the service.	RMJ Team contact page	12 hours	5
5	As a customer, I want to be able to recommended items I may be interested in renting	Machine Learning Algorithm	45 hours	21

Sprint 2 SPIKES

1. Learn how to use the Paypal API
2. Learn ML Algorithm

Sprint 3

Priority	User Stories	Implementation	Time	Story Points
1	As a user, I want to make sure I am not being tricked by a bot or false information	Captcha integration	21 hours	8
2	As a user, I want to be able to see how far from me prospective renters / rentees are.	Google maps integration	30 hours	13
3	As a new user, I want to be able to know how to use the site.	RMJ PPT tutorial/video guide.	36 hours	3

Sprint 3 SPIKES

1. Learn how to use Captcha
2. Learn how to use Google Routes API

Sprint 4

Rigorous testing (14 days) - As a user, I want to be sure that my experience using this website is bug free

Product Backlog

RentMyJunk Mobile Application - As a user, I want to be able to access the app on different devices.

Integration with Google Maps API - As a user I want to be able to quickly find where I need to go.

SSL Certificate - As a user, I want my private information to be safe when I visit a website.

Web Hosting - As a developer, I want a reliable way to host RentMyJunk

Automated Emails: As a user, I want to be notified when anything that may interest me happens.

Project Presentation

Link to presentation -

<https://docs.google.com/presentation/d/1GhIGpflApk0IRxaMj0BHKmDbGHwuoAFnhBub1ows3xY/edit?usp=sharing>