

Release Plan

FinPrint

Release 1

March 23, 2018

Version 1.2.0

2/1/18

High Level Goals: To construct an interface for users to buy/sell designed 3D printable products. The buyer would be able to preview the product and see if it would work for the printer that is available to them. The vendor would be able to sell the product of the design rather than selling the design itself. We want to create the framework for users to be able to improve on designs and be rewarded for their work.

1. Be able to create a website marketplace where users can buy and sell fins.
2. Be able to log in to a personal account.
3. Be able to upload a file.
4. Be able to download a file.
5. Be able to have a payment system.
6. Be able to 3d print a fin.
7. Be able to have a nice website.

Technologies Being Utilized:

React.js, Node.js, Firebase

OctoPrint, Cura - Printing Software

Slack, Trello - Project Management/Communication

User stories for release:

User Stories - Sorted by highest priority	Story Points
SPRINT 1 ends 2/11/18	
As a user, I want a different links for easy navigation.	8

As a user, I need a database.	13
As a user, I want a logo section.	2
As a user, I want a header bar.	3
As a user, I want to be able to see all the fin designs I uploaded.	8
As a user, I want to have my own profile page.	8
SPRINT 2: 2/12/18 - 2/25/18	
As a user, I would like to create an account	13
As a user, I would like to log into my account and view my profile	13
As a user, I would like to upload a file	8
As a user, I would like to download a file	5
As a user, I want a sign in page.	13
As a user, I want a sign up page.	13
SPRINT 3 2/26/18 - 3/11/18	
As a user, I would like to view all designs of fins on a designs page.	13
As a user, I want to be able to see all the fin designs I uploaded.	13
As a user, I want to have my own profile page.	5
As a user, I want to upload my design to the site.	8
As a developer, I want pictures to be tied to users in the database.	8
As a developer, I want prices of products to be tied to users in the database.	8

As a developer, I want product names to be tied to users in the database.	8
As a developer, I want description of products to be tied to users in the database.	8

Product Backlog:

- Connect website with printer
- As a user I would like to view the marketplace with designs
- As a user I want to be able to buy a design
- As a designer I want my product to be protected from copying