

README

Purpose - R7

Hang Ten Boards is a market place where people can buy and sell new or used surfboards. It a perfect place for beginners taking up the sport, people looking to sell old boards to make room and provides a central spot where like minded surfing enthusiasts can come to buy and sell boards.

Key benefits - R8

- It provides a central spot for people looking to buy or sell boards in time for summer and Christmas.
- Beginners can purchase used boards to learn on which provides a cheaper entry point into the sport
- Convenient way to earn extra money by selling old boards
- Online marketplace accessible anywhere within Australia

Website - <https://hangtenboards.herokuapp.com/> - R9

Github Repository - <https://github.com/lgunds6/HangTen> - R10

Marketplace Overview - R11

Purpose

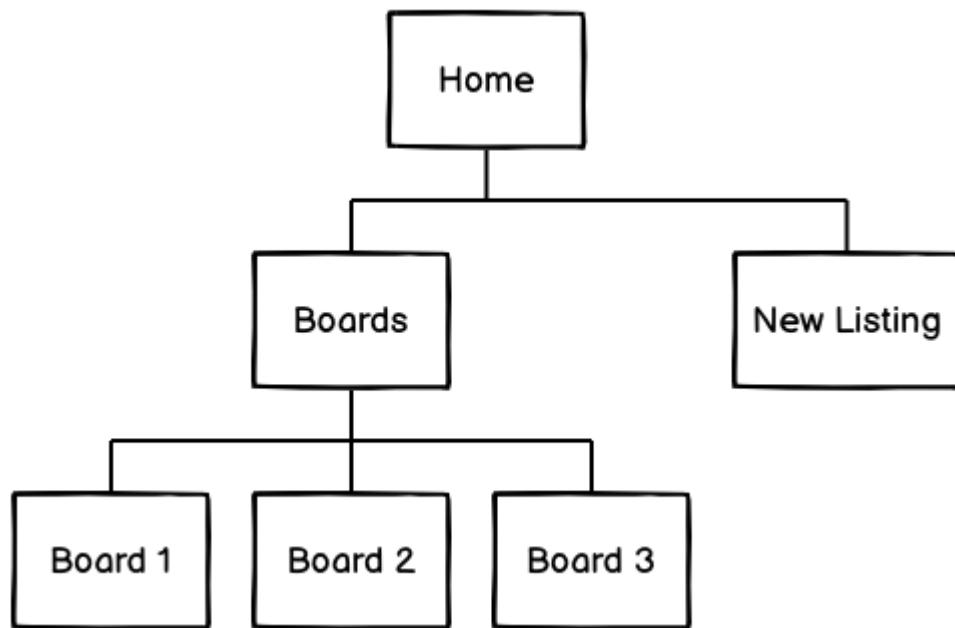
Hang Ten Boards is a market place where people can buy and sell new or used surfboards. It a perfect place for beginners taking up the sport, people looking to sell old boards to make room and provides a central spot where like minded surfing enthusiasts can come to buy and sell boards.

Functionality

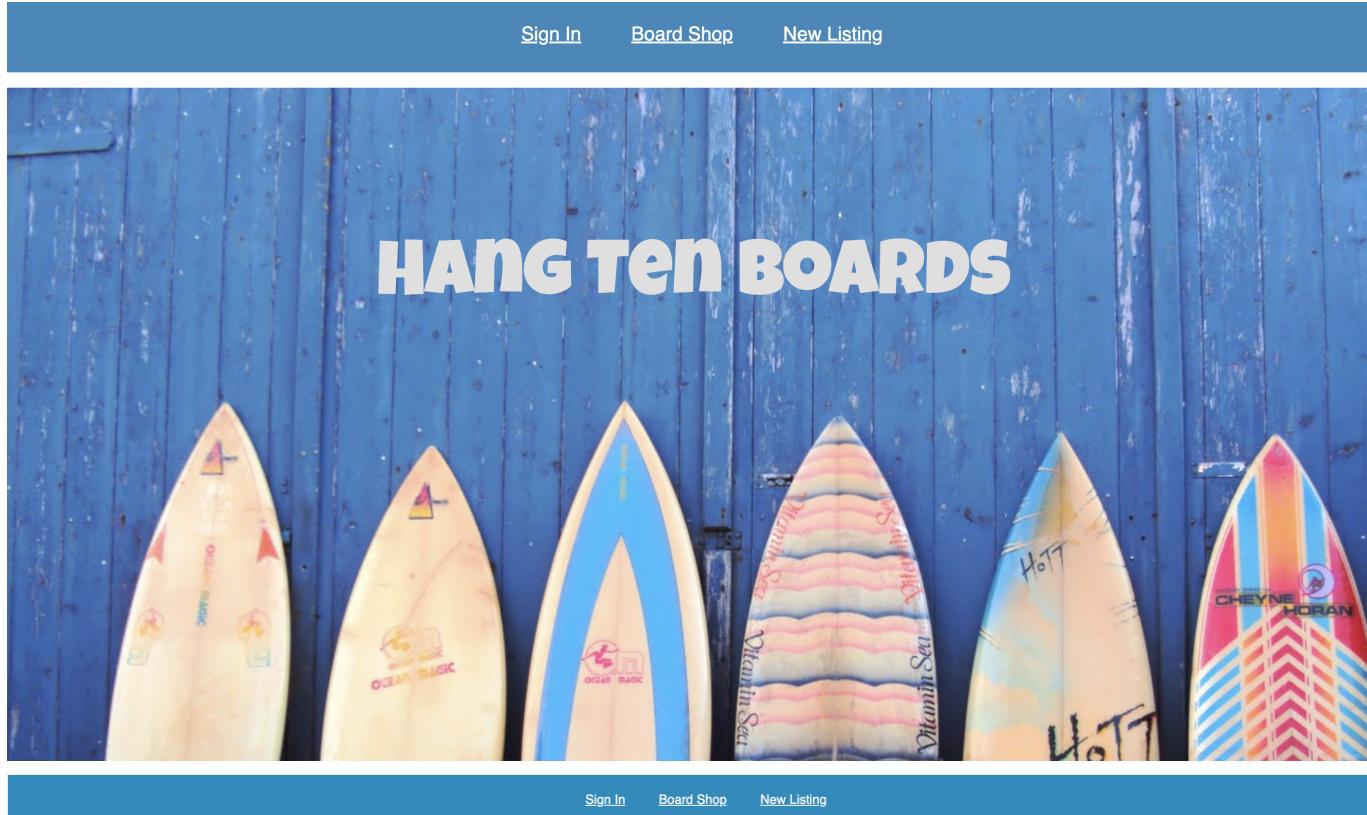
Hang Ten Boards is a two sided marketplace.

- It allows users to visit the board shop to see which items are available to purchase.
- Users can search through the available items for sale and can easily make a purchase using Stripe as its payment gateway.
- It allows users to create an account and sell their new or used surfboards.
- The marketplace only allows the original user of the listing to make edits to the item.
- The app allows a user to upload images of the surfboard allowing customers to clearly see the item before buying it.

Sitemap



Application screenshots



Sign In Board Shop New Listing

BOARD SHOP

shutterstock.com - 59372284 dfsgsdgsdfg adfjgdfjdfg 600.0 View	Short board Used 350.0 View	Short board New 450.0 View	Long board Used 300.0 View	Short board Used 320.0 View	Short board New 480.0 View
Short board - Fish Used 400.0 View					

The screenshot shows a 'New Listing' form on a website. At the top, there are navigation links: 'Sign Out', 'Board Shop', and 'New Listing'. The main form area has a teal background and contains the following fields:

- Title: A text input field.
- Condition: A dropdown menu.
- Description: A text input field.
- Price: A text input field.
- Picture: A file upload input field with a 'Choose file' button and a message 'No file chosen'.

At the bottom right of the form is a 'Create Board' button.

Log in

Email

Password

Remember me

[Sign up](#)

[Forgot your password?](#)

Target Audience

- Surfing enthusiasts
- People looking to sell new and old boards
- Beginner surfers

Tech Stack

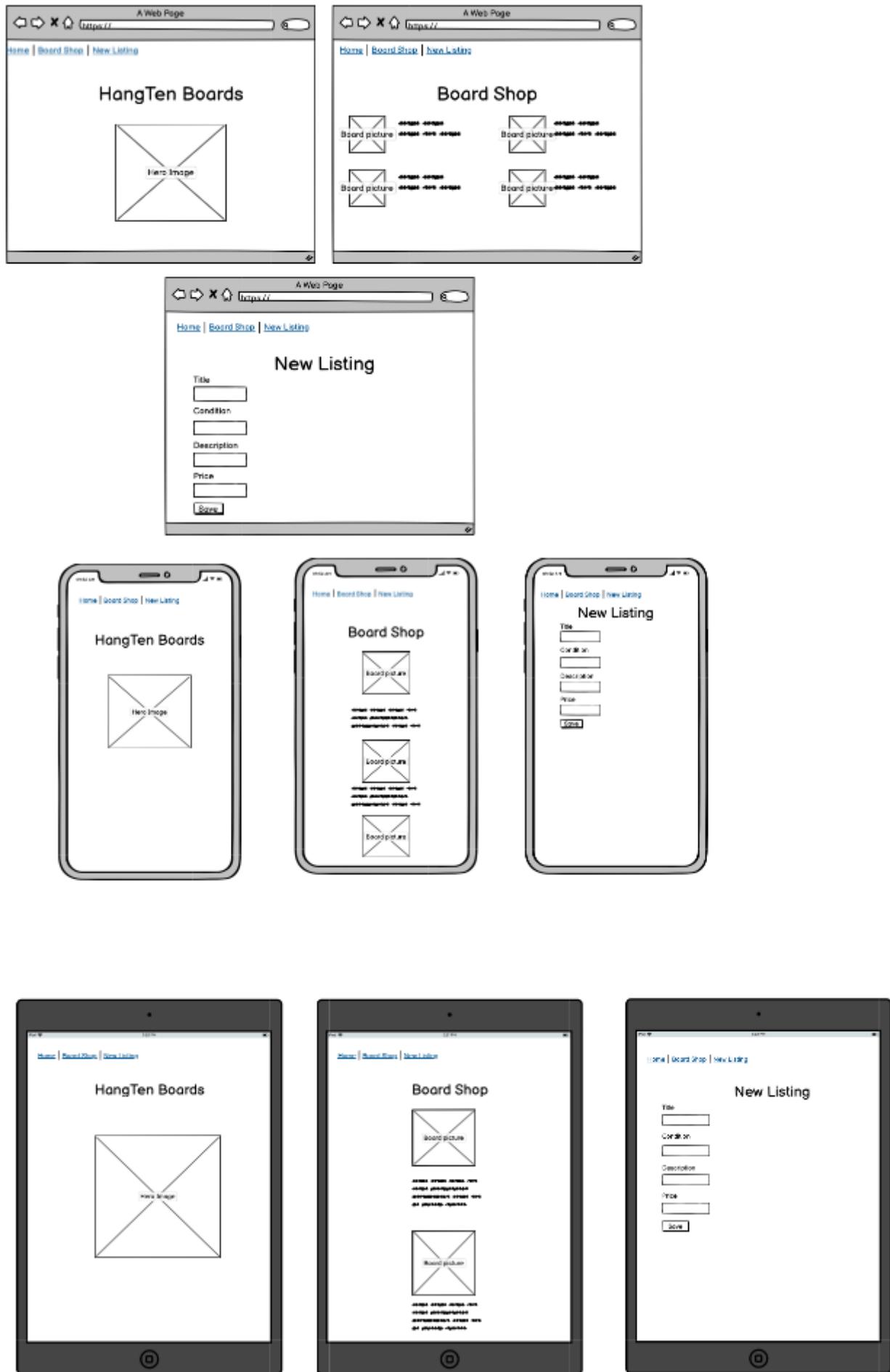
- HTML
- CSS
- Bootstrap - 5.1.3
- Ruby on Rails - 6.1.4.1
- Deployment - Heroku
- Image service - AWS S3
- Payment Gateway - Stripe

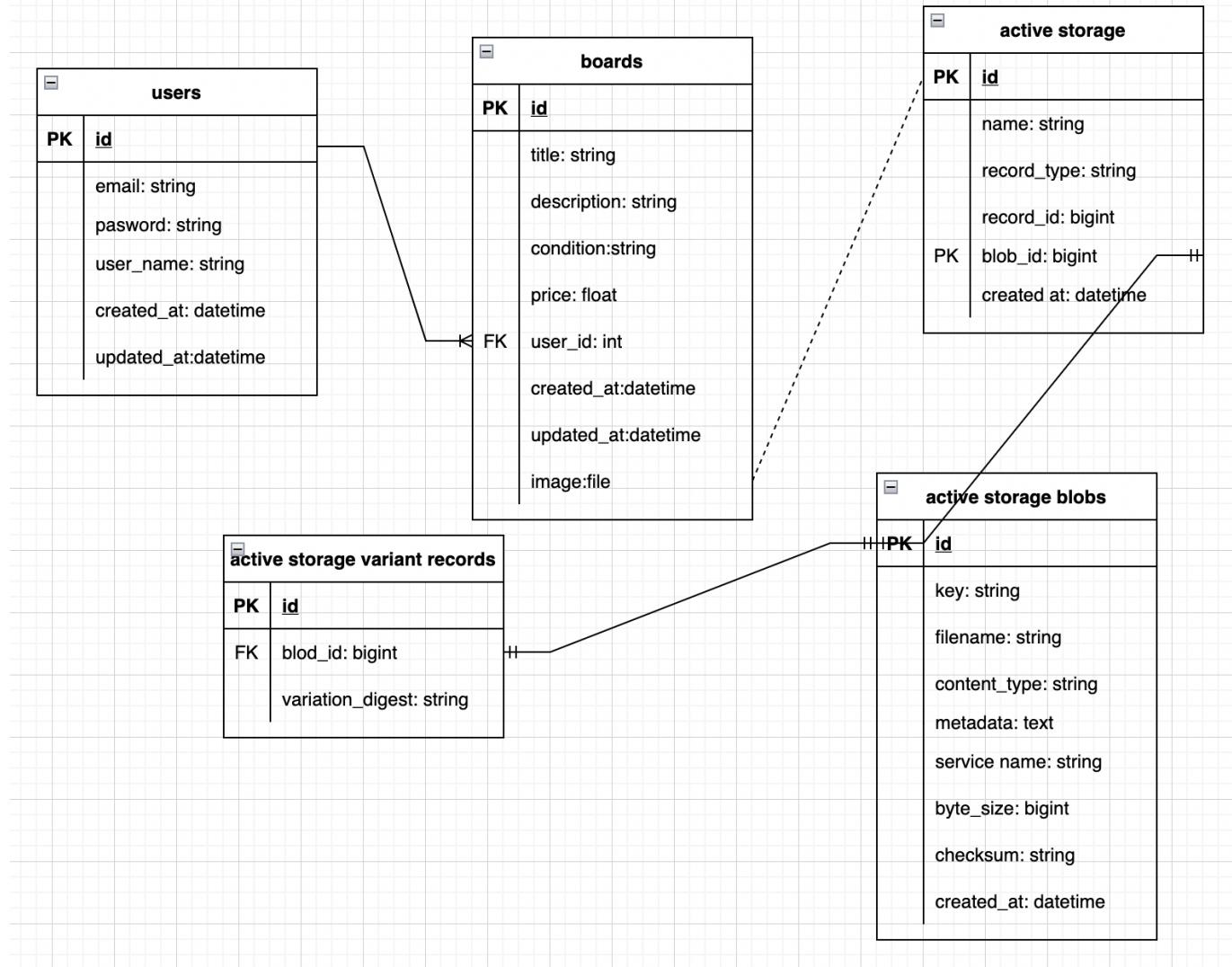
- DB - PostgreSQL

User Stories - R12

Please see trello board link below for user stories. Trello board: <https://trello.com/b/6n6BAtbQ/t2a2-market-place>

Wireframes - R13





I have included a dotted line from the board image line to the active storage table as there is no connection within the data base but active stroage manages the files that are uploaded and stored within AWS.

High-Level Components - R15

The high-level components of Hang Ten Boards are ass follows:

- Boards controller will speak to the User model to authenticate current user or allow user to login or sign up. When a user is createing a new listing the boards controller will speak to the boards model to validate the parameters before adding to the database. When a user views a board the boards controller will speak to the boards model which will ask the DB to fetch the boards data and feed this data to the controller. The controller will pass this info to the correct view.

Third Party Services - R16

- Deployment - Heroku
- Image service - AWS S3
- Payment gateway - Strip

Models and relationships - R17

- User.rb model has_many relationship with the Board.rb model as a user can own many boards.

- The Board.rb has a belongs_to relationship with User.rb model as each board must belong to one user. Board.rb also can connect to active storage with a has_one_attached image.

Database relations - R18

We have two database tables used in the application. One table for boards and one table for users. These tables are joined using the user id. Every user from the user table will have a user id which is the primary key, this user id is the foreign key to a board/s within the boards table joining the user and board/s together.

Datacse schema - R19

Please see ERD above.

Project tracking - R20

I have created user stories based on all actions a user can perform within the app. Each user story has a checklist of features/stylings/steps that must be ticked off before that user story can move to test. Once the alll tests have been completed the user story moves to completed. If the user story has a dependency this is added in the checklist along with the dependency user story to ensure they are test together.

Please see trello board link below for a detailed view of all user stories.

Trello: <https://trello.com/b/6n6BAtbQ/t2a2-market-place>

System dependencies

- gem 'aws-sdk-s3', '~> 1.105'
- gem 'bootstrap', '~> 5.1.3'
- gem 'devise'
- gem 'jquery-rails'
- gem 'stripe', '~> 5.41'
- Rails 6.1.4.1P
- Ruby 2.7.2 or higher
- Database - PostgreSQL