T4A2-A

Full Stack Application

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R1: Description of your website

Purpose

The purpose of the **Record Collector** website is to manage personal vinyl record collections. As collections get larger it can be tedious to keep track of everything, particularly if a collection is stored in a particular order.

Functionality

1. Responsive website.
2. Single page application.
3. Simple registration and log in.
4. Display of vinyl records with information such as album name, artist name and year.
5. Change sort order to suit user preferences
6. Ability for users to view, add, edit and remove records.
7. Album art retrieved from external api (MusicBrainz)

Target Audience

The primary user of this website is an avid vinyl collector that wishes to keep track of their ever expanding vinyl collection.

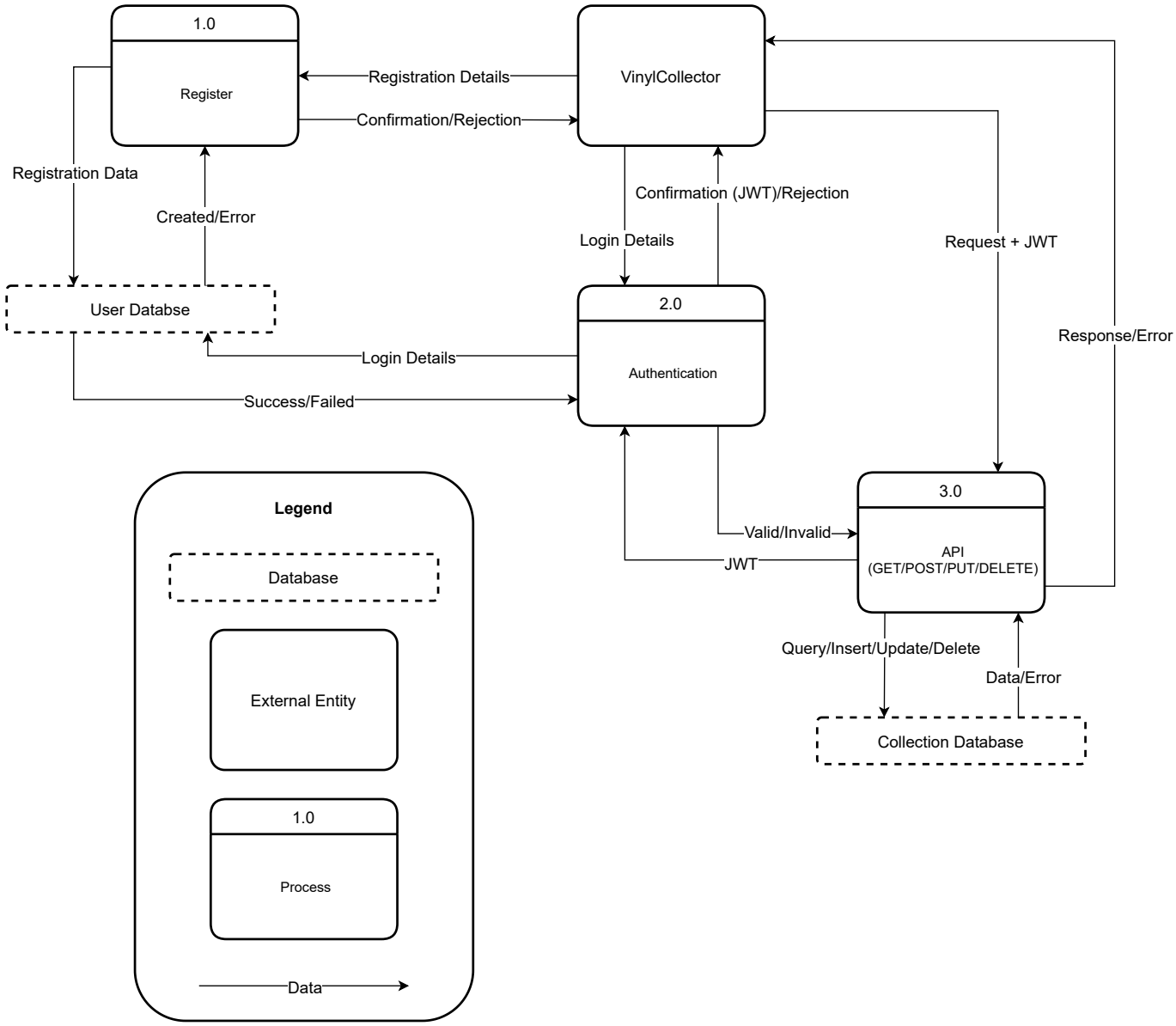
Tech Stack

**Frontend: ** HTML, CSS, JavaScript, ReactJS

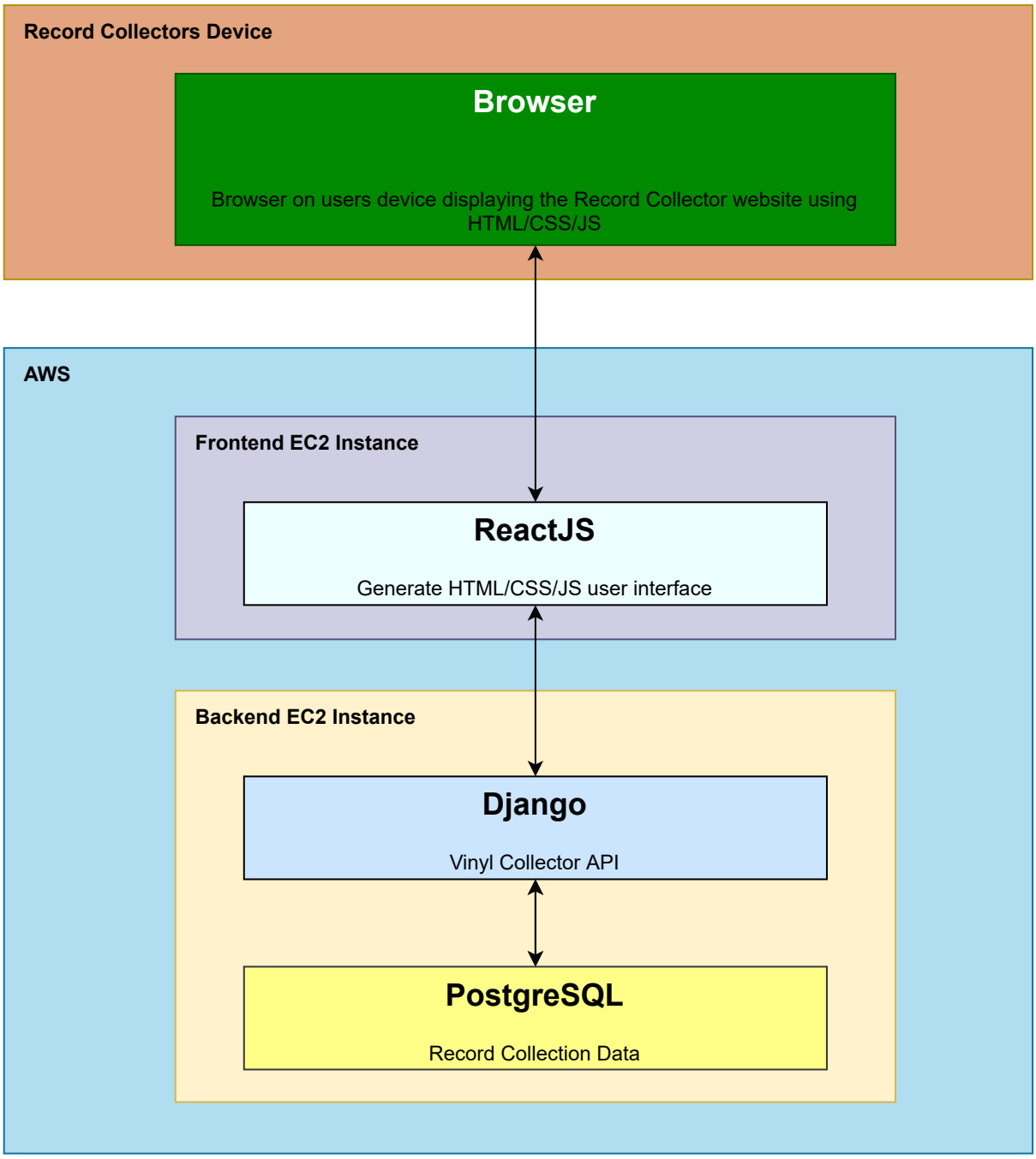
**Backend: ** Django, PostgreSQL

**Hosting: ** AWS

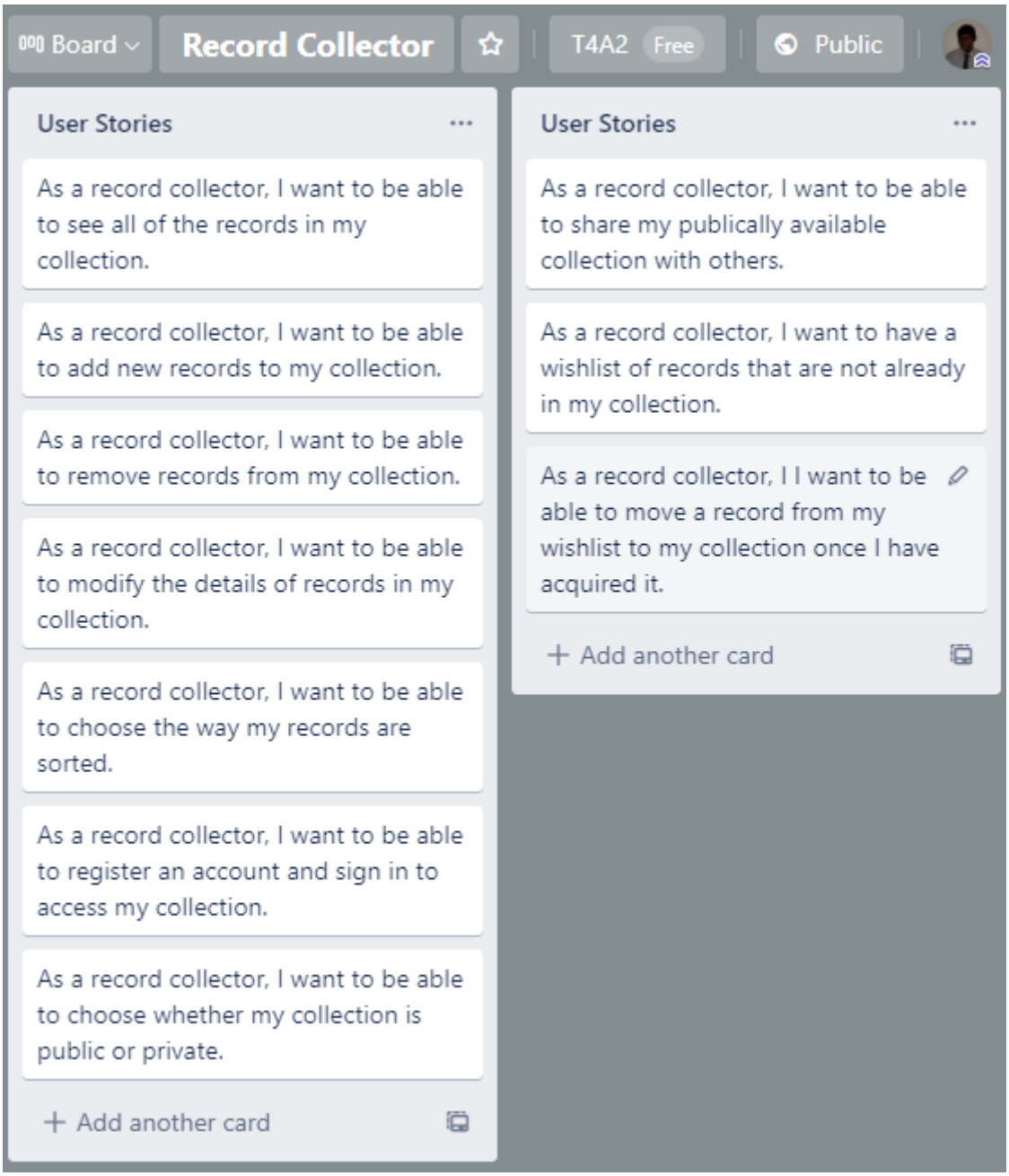
R2: Dataflow Diagram



R3: Application Architecture Diagram

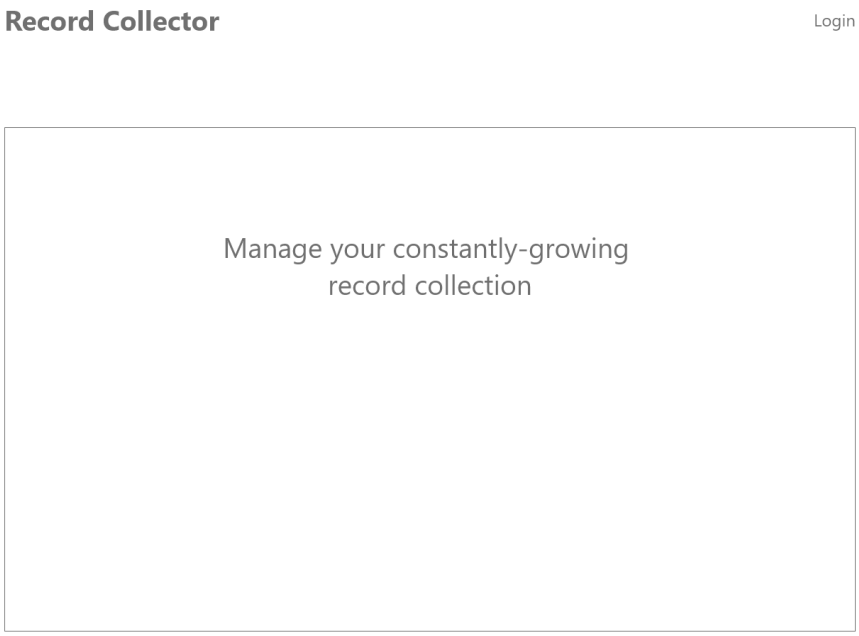


R4: User Stories

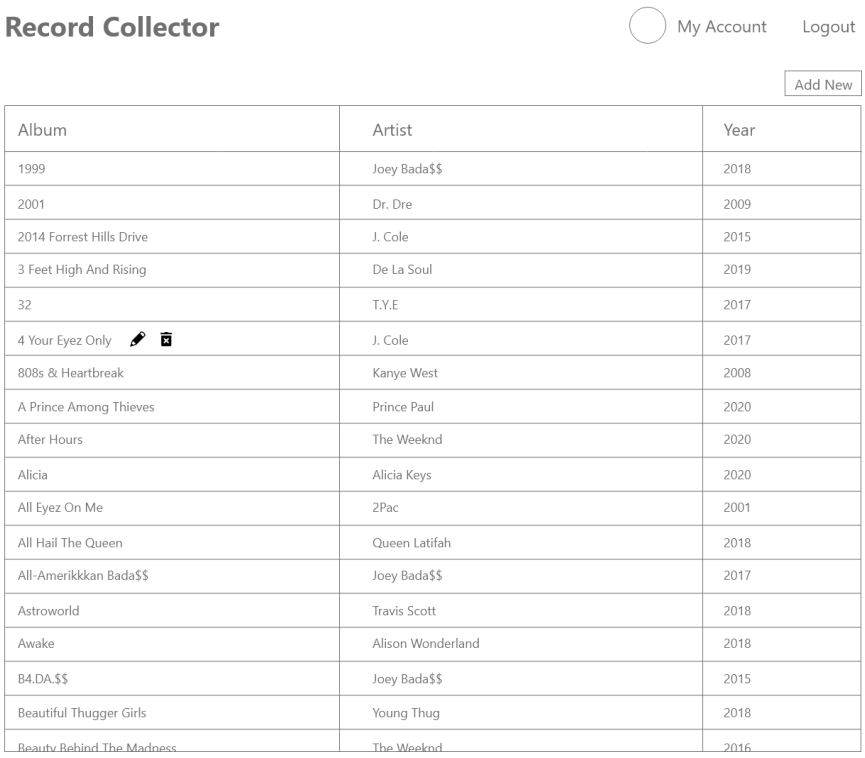


R5: Wireframes

Desktop - Home Page



Desktop - Home Page: Signed In

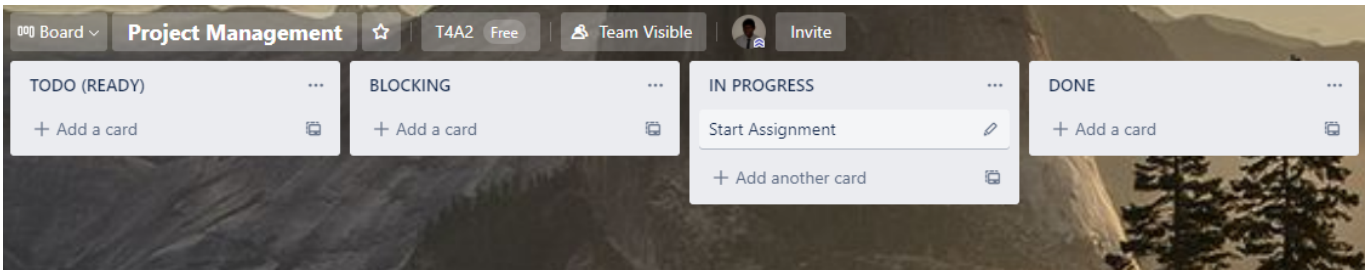


Album	Artist	Year
1999	Joey Bada$$	2018
2001	Dr. Dre	2009
2014 Forrest Hills Drive	J. Cole	2015
3 Feet High And Rising	De La Soul	2019
32	T.Y.E	2017
4 Your Eyez Only	J. Cole	2017
808s & Heartbreak	Kanye West	2008
A Prince Among Thieves	Prince Paul	2020
After Hours	The Weeknd	2020
Alicia	Alicia Keys	2020
All Eyez On Me	2Pac	2001
All Hail The Queen	Queen Latifah	2018
All-Amerikkkan Bada$$	Joey Bada$$	2017
Astroworld	Travis Scott	2018
Awake	Alison Wonderland	2018
B4.DA.$$	Joey Bada$$	2015
Beautiful Thugger Girls	Young Thug	2018
Beauty Behind The Madness	The Weeknd	2016

Mobile - Home Page

Mobile - Home Page: Signed In

R6: Trello Board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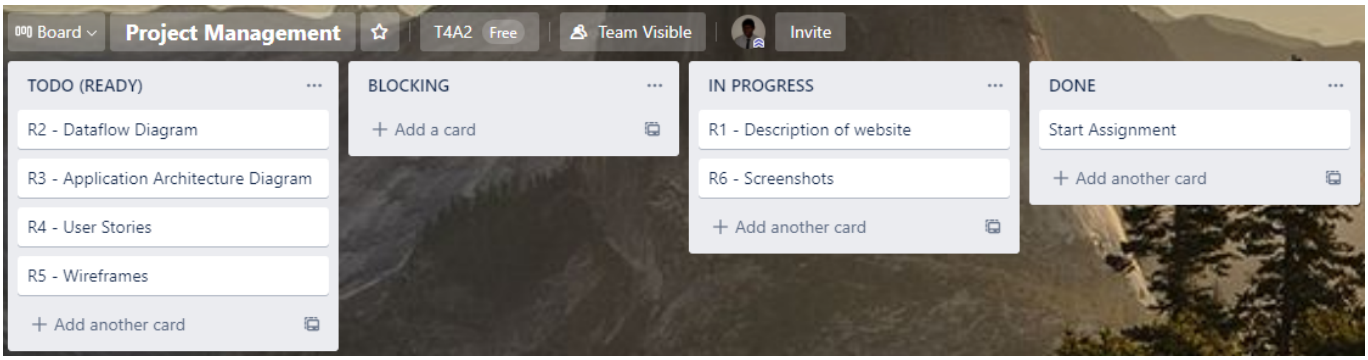
Project Management
T4A2 Free
Team Visible
Invite
TODO (READY)
Add a card
BLOCKING
Add a card
IN PROGRESS
Start Assignment
Add another card
DONE
Add a card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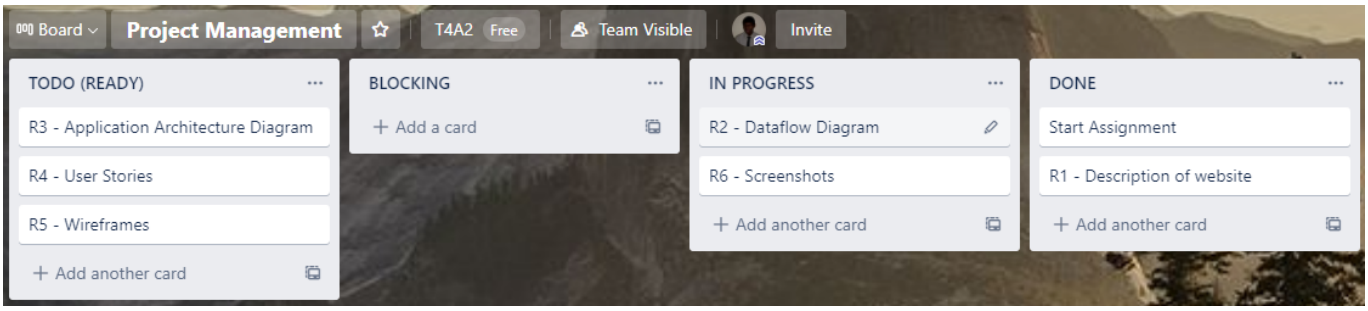
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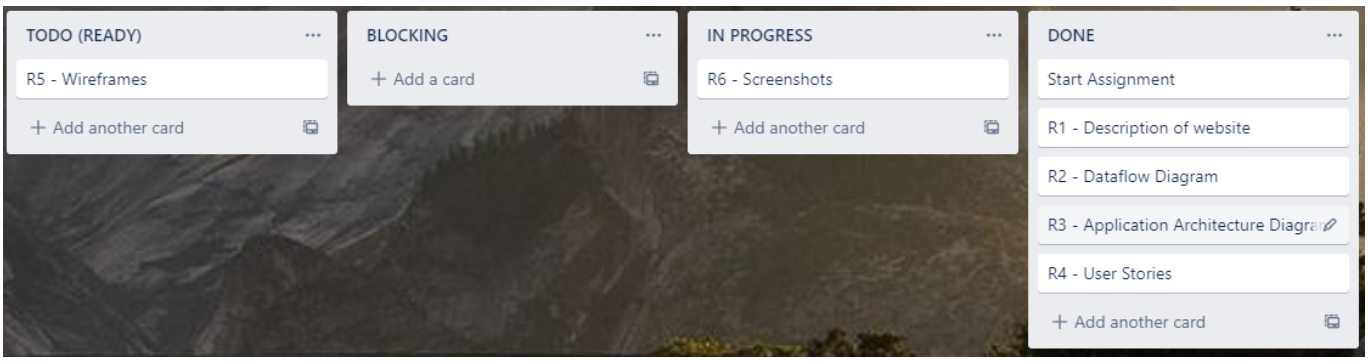
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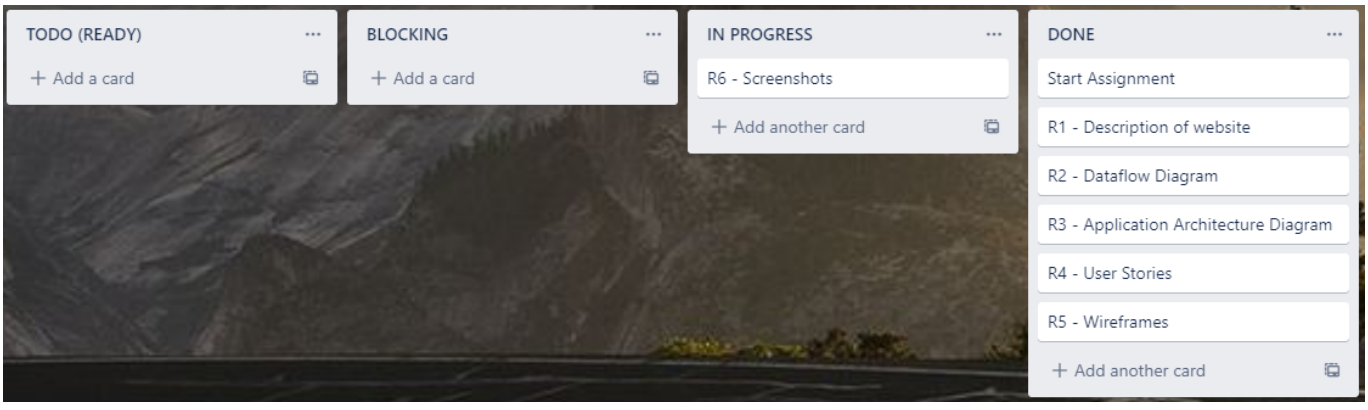
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