

# After Credits

A Full Stack Media Chat room Web Application

SCENE

TAKE

ROLL

SOUND

PROD.CO.

DIRECTOR

MAN



**What?**

A platform for movie /  
tv-series enthusiasts to  
discuss their favourite hobby

# The problem

People need a place to chat about their favourite films and series.

Whether from a home computer or their mobile phone.

On a platform that feels responsive.

Where discussion happens in real time.





# Target Audience

Binge Watchers

Movie Enthusiasts

Film Critics

Anyone that enjoys a great discussion or have an opinion they want to put out there about their shared interest



# How?

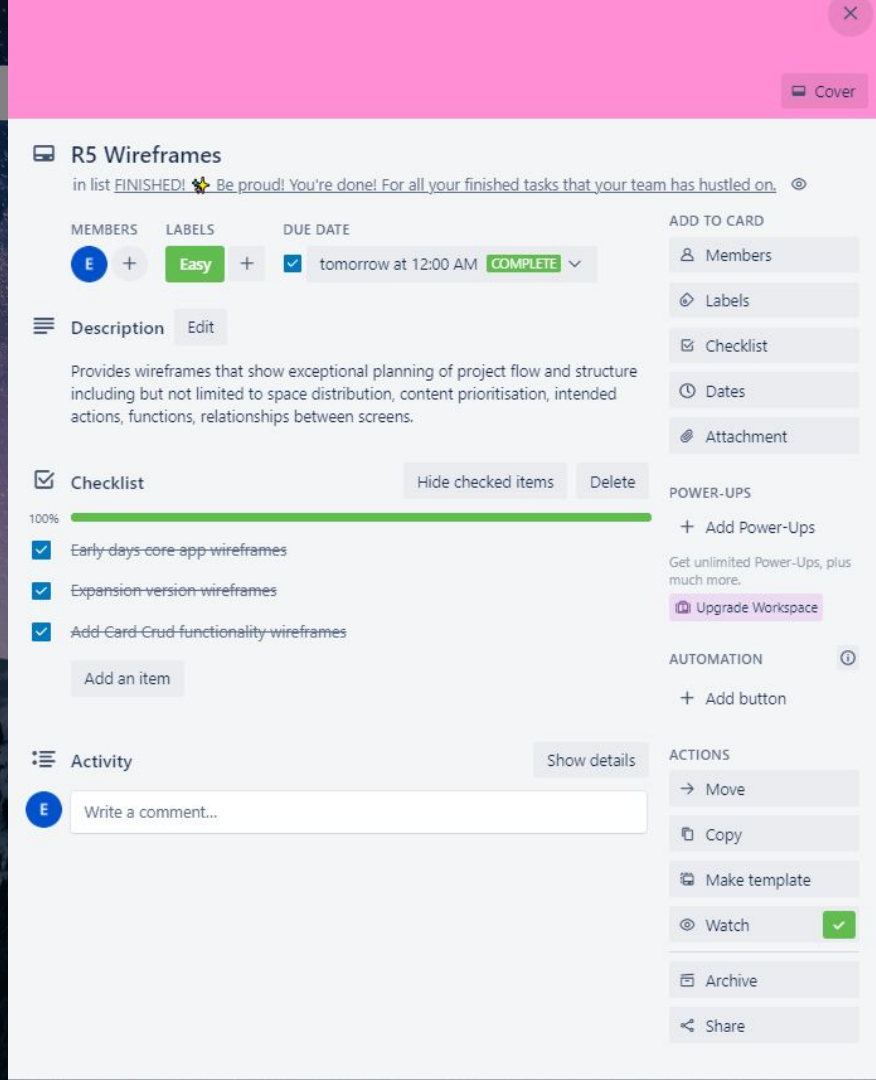
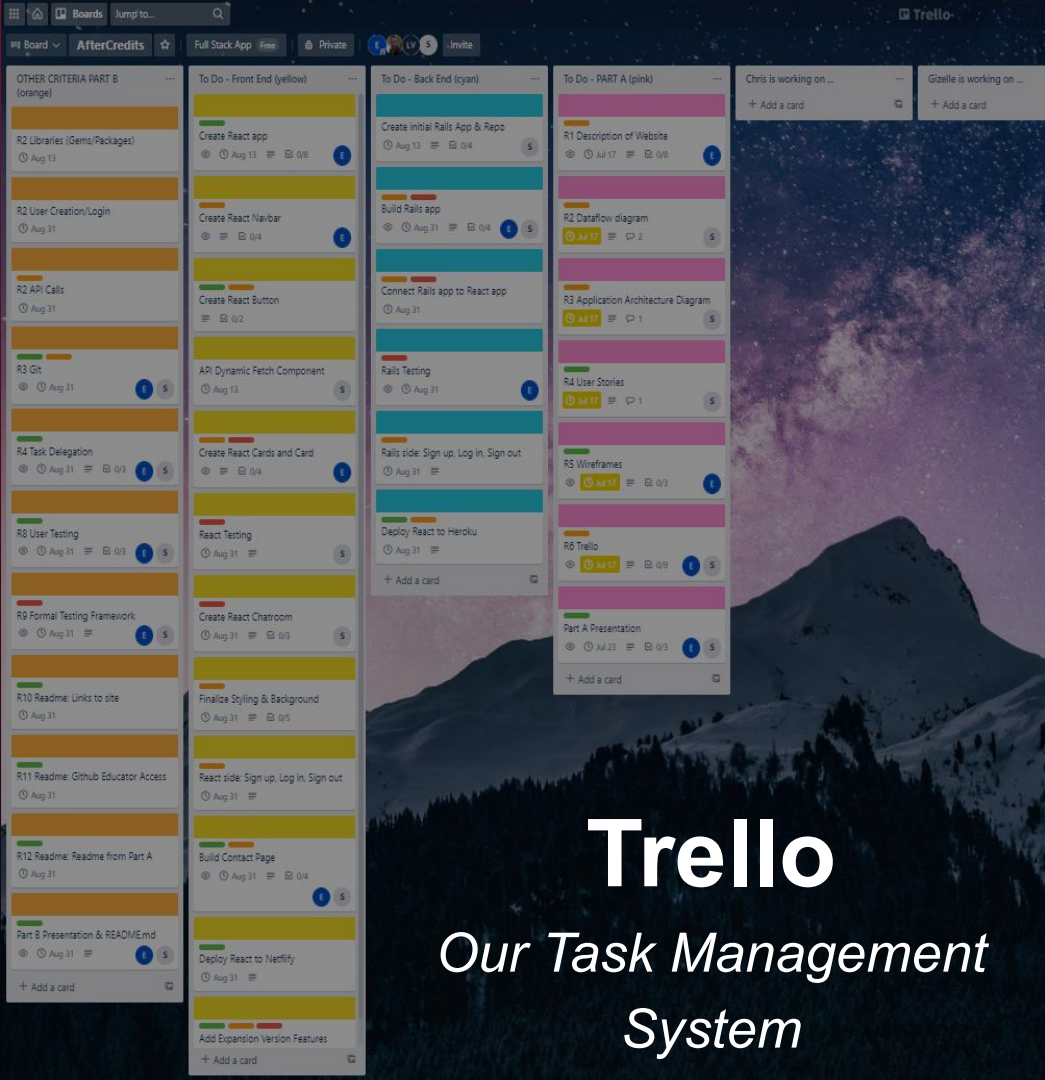
Front-end Client: **React**, **Jest**, **Netlify**

Back-end Server: **Ruby on Rails**, **Rspec**, **Heroku**

Database: PostgreSQL

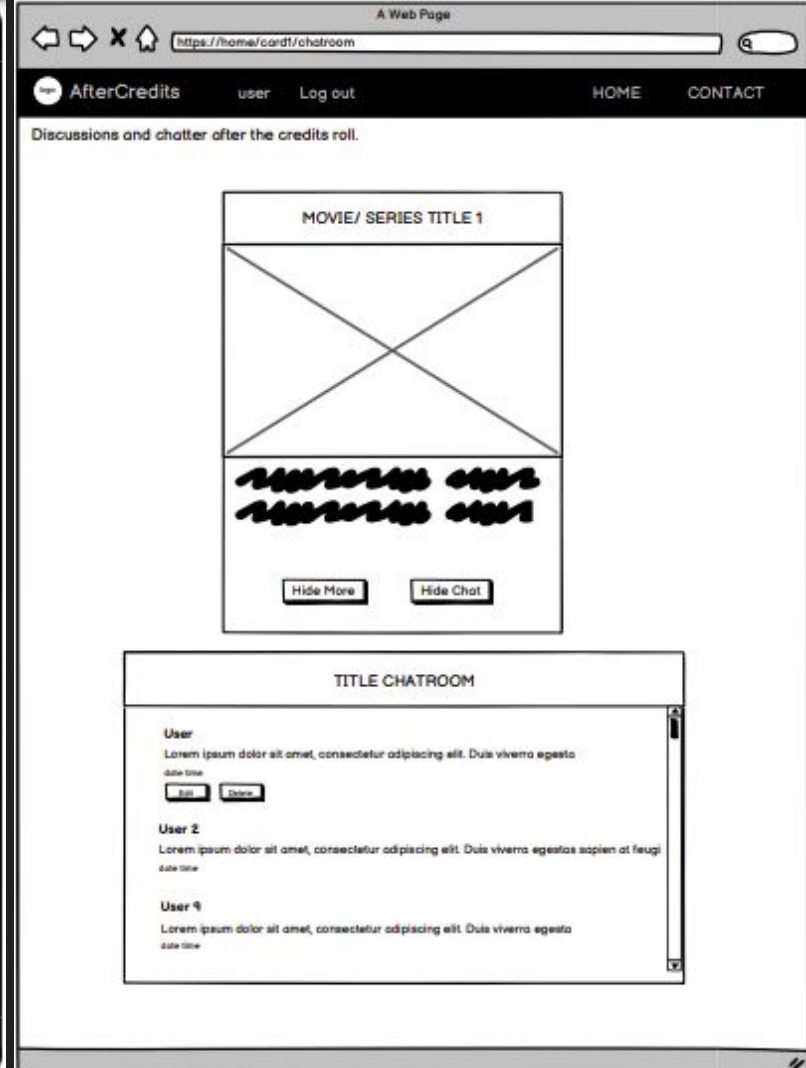
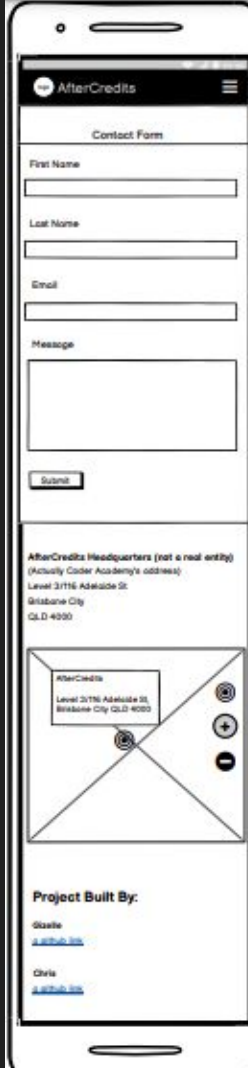
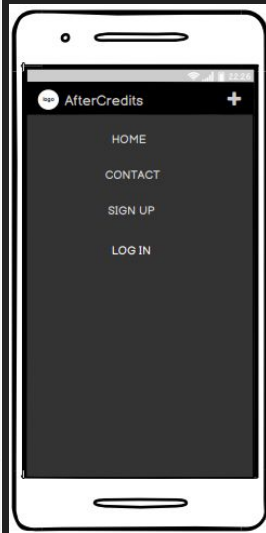
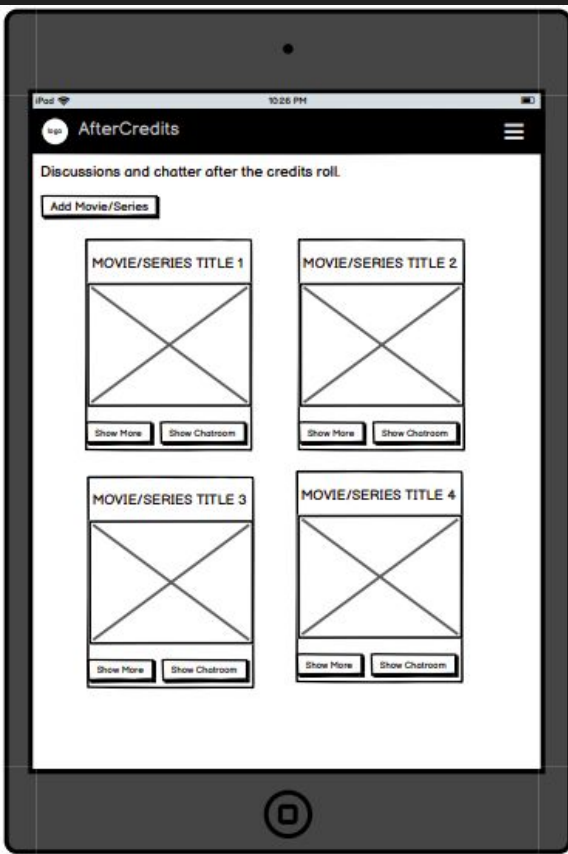
API: Movie API (IMBD Alt) through RapidAPI

Auth: Knock, JWT



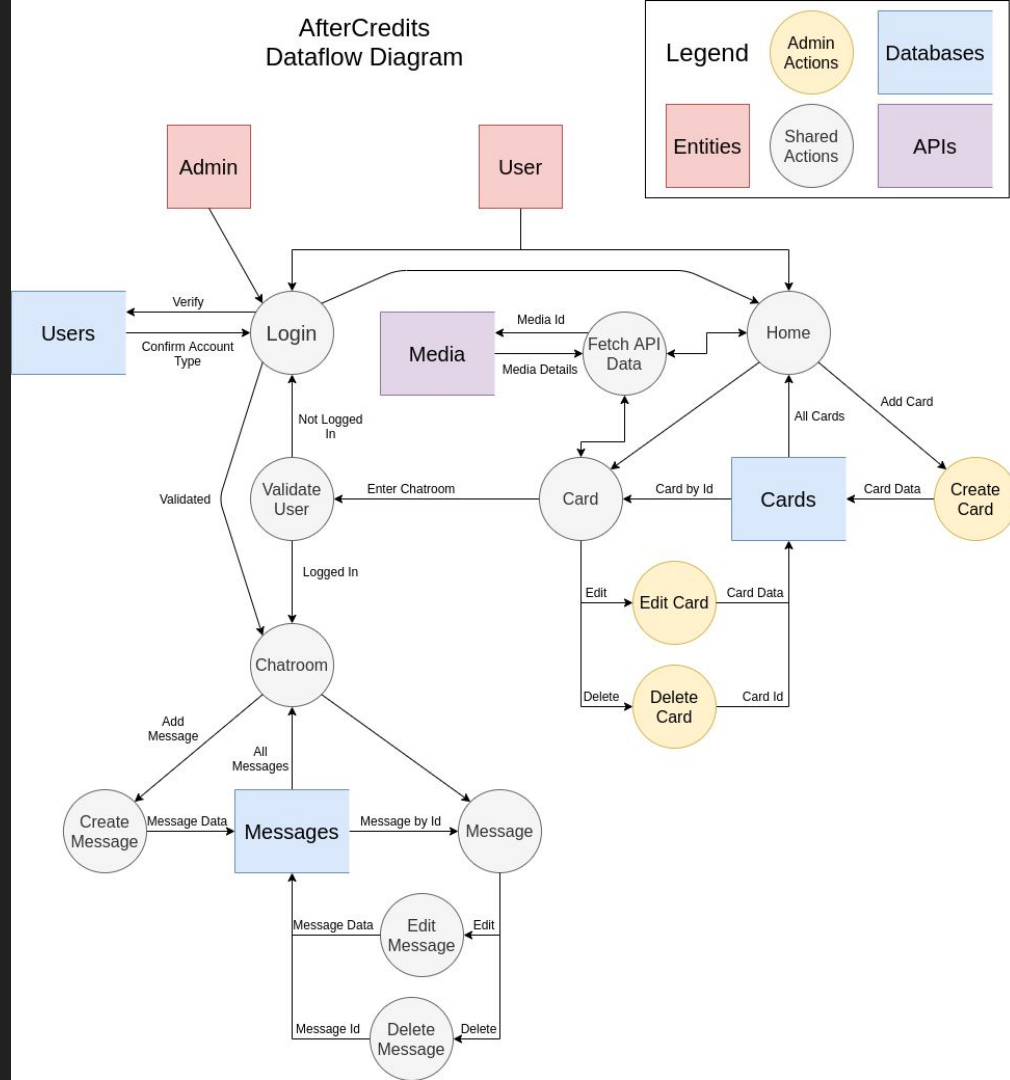
# Wireframes

## UI/UX Design



# Dataflow

*Where is our Data Flowing?*

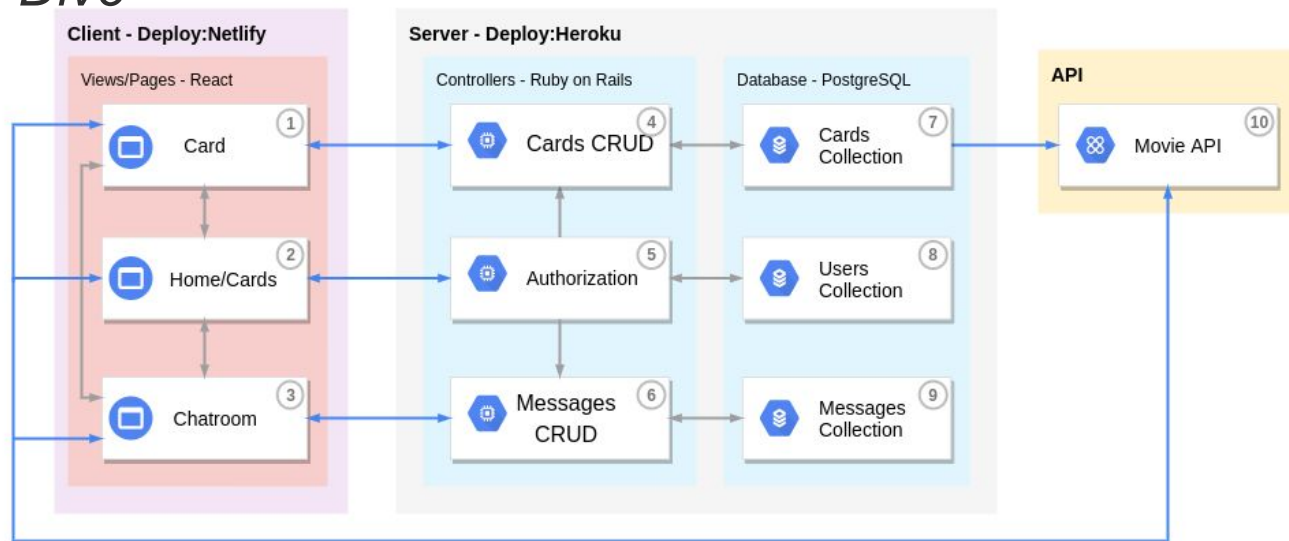




# App Architecture

## Structural Deep Dive

### AfterCredits Application Architecture Diagram



#### 1 Card View

Users enter a specific card view upon selecting it. They can view extra details about the media card itself or enter the chatroom for the film/series. They can only access this section if they have signed into the application

#### 2 Home/Cards View

Anyone can browse the home page and view all of the cards that are up for discussion. If they want to enter a particular card they must first sign in.

#### 3 Chatroom View

Registered users enter a discussion board for that particular card and can create, edit and delete their own posts. Admins can delete user posts that might violate the Terms of Service. All users can view all posts associated with the card.

#### 4 Cards Controller

Admins can create, update and delete cards. They create them by following some basic instructions for getting the media id that will be saved in the cards collection for later data fetching.

#### 5 Authorisation

In order to ensure not just anyone can post in a chatroom the user must be logged in through our sign in authorisation controller. This also determines if the user has admin privileges or not and restricts certain users from certain actions.

#### 6 Messages Controller

Both users and admins can make posts in the chatrooms. Users can create, edit or delete their own posts only while admins can also delete other users posts to remove posts that violate Terms of Service.

#### 7 Cards Collection

Contains media\_id that is used for card creation. This is associated with the posts collection where a card can contain zero to many posts, and a post belongs to only one card. The posts are displayed in the chatroom view.

#### 8 Users Collection

Contains the User attributes: username, password and email. Includes User and Admin roles. A user is associated with their posts where a user can have zero to many posts and a post belongs to only one user.

#### 9 Messages Collection

Contains the post attributes: user\_id, text, date, time. Associated with the cards collection where a card can contain zero to many posts and a post belongs to only one card.

#### 10 Movie API

Movie API (IMDB Alternative) that operates through RapidAPI. Allows for the fetching of movie/series data to populate the cards based on the media\_id set in the Card collection.

Q&A

