



JUMPING FOR JOY

◆ Presented by Adriana, Matthew & Benedicte ◆

Our Team



Adriana Heesh



Benedicte Powell



Matthew Kennedy

About Our Application

We had a real life client, Megan, who runs a jumping castle hire business called Jumping For Joy. For our application we connected with her and discussed creating a website for her to advertise and manage bookings for her business.

Our Vision and Mission

◆ Vision

Create a user-friendly website that is easy for our client to use and maintain.

◆ Mission

The Jumping for Joy web application is designed to offer the business owner an easy way for both her and her customers to navigate the jumping castles she offers for hire, and to manage her bookings. Currently, she operates through email and social media messages, which is not as streamlined or simple as it could be. By building this web application, we will provide a digital space for customers to view all castles available at once, and request to book in for their preferred date.

Tech Stack

Front-end: -

- React
- JavaScript
- Netlify (deploy)
- Styled Components - styling for the application

Back-end:

- Ruby
- Ruby on Rails (API)
- Heroku (deploy)

Gems/packages:

- CanCan - allows users to be assigned special permissions so only admin users can make changes to listings and view certain pages
- JWSToken - authenticates users

Third-party APIs:

- Google Calendar API (maybe) - so bookings can create Google calendar events for the Admin user

Planning and design:

- Trello
- Adobe XD
- Lucidchart



WireFrames

Made using Adobe XD

Home Page

HOME FOR HIRE ABOUT US



JUMPING CASTLE HIRE



JUMPING FOR JOY

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Admin login

HOME FOR HIRE ABOUT



JUMPING CASTLE HIRE



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Admin login

About/Contact

HOME FOR HIRE ABOUT US



JUMPING CASTLE HIRE

JUMPING FOR JOY

ABOUT

Nulla sed ornare lectus. Suspendisse vitae metus nisl. Donec faucibus volutpat odio at tempor. Nam laoreet magna enim. Integer viverra id orci quis eleifend. Curabitur at nisi velit. Curabitur congue elementum ligula, vitae commodo lorem ultrices eget. Maecenas pulvinar tortor ut lorem gravida tempor.

Contact details

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Admin
login

HOME FOR HIRE ABOUT



JUMPING CASTLE HIRE

JUMPING FOR JOY

ABOUT

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For Hire

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Lorem ipsum Lorem ipsum

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Admin login

HOME FOR HIRE ABOUT 


JUMPING FOR JOY

JUMPING CASTLE TITLE
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[MAKE AN ENQUIRY](#)

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JUMPING FOR JOY

JUMPING CASTLE TITLE
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[MAKE AN ENQUIRY](#)

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See More Info

HOME FOR HIRE ABOUT 

JUMPING CASTLE TITLE

NAME |
EMAIL |
DATE ▼

YOUR MESSAGE |

SUBMIT

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HOME FOR HIRE ABOUT US 

JUMPING CASTLE TITLE

NAME |
EMAIL |
DATE ▼

YOUR MESSAGE |

SUBMIT

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Make An Enquiry

Create New User

HOME FOR HIRE ABOUT 

EMAIL
USERNAME
PASSWORD
CONFIRM PASSWORD

CREATE ACCOUNT

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HOME FOR HIRE ABOUT US 

EMAIL
USERNAME
PASSWORD
CONFIRM PASSWORD

CREATE ACCOUNT

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Admin Login

HOME FOR HIRE ABOUT US 

USERNAME

PASSWORD

CREATE NEW SUBMIT

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Admin login

HOME FOR HIRE ABOUT 

USERNAME

PASSWORD

SUBMIT

CREATE NEW

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Admin Dashboard

HOME FOR HIRE ABOUT US 

ENQUIRIES

- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "

BOOKINGS

- 12/01/2022 - JANE DOE
- 22/01/2022 - JOHN DOE
- 02/02/2022 - PETRA PIPER

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HOME FOR HIRE ABOUT 

ENQUIRIES

- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "
- JANE DOE: "Hi, I was wondering if "

BOOKINGS

- 12/01/2022 - JANE DOE
- 22/01/2022 - JOHN DOE
- 02/02/2022 - PETRA PIPER

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Admin Enquiry/Booking Management

HOME

FOR HIRE

ABOUT US



ENQUIRIES

JANE DOE
EMAIL: jane_doe@gmail.com
PH: 0400333000
DATE REQUESTED: 12/03/2022

"Hi, my name is Jane Doe and was wondering if the jumping castle would be available for my daughters third birthday on the 12/03/2022"

CONFIRM

REPLY

CONFIRMED BOOKINGS

- 12/01/2022 - JANE DOE
- 22/01/2022 - JOHN DOE
- 02/02/2022 - PETRA PIPER

Admin Edit Page

HOME FOR HIRE ABOUT US





JUMPING CASTLE HIRE

JUMPING FOR JOY

JUMPING CASTLE TITLE

Nulla sed ornare lectus. Suspendisse vitae metus nisl. Donec faucibus volutpat odio at tempor. Nam laoreet magna enim. Integer viverra id orci quis eleifend. Curabitur at nisi velit. Curabitur congue elementum ligula, vitae commodo lorem ultrices eget.

EDIT **DELETE**

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Admin
login



Planning with Trello

Trello Workspaces Recent Starred Templates Create

Board Jumping for Joy Private Workspace MK Invite Automation Filter Show menu

Planning Backlog Sprint 1 Sprint 2 Sprint 3 Completed + Add another list

Planning Feature Feature Feature finished

+ Add a card + Add a card + Add a card

Decide and plan tech stack

Wireframes User stories Application Architecture Diagram Description of website Screen shots of trello boards Design

+ Add a card + Add a card + Add a card + Add a card + Add a card

Dataflow Diagram 0/2 + Add a card

finished

0/2

Trello Workspaces Recent Starred Templates Create

Board Jumping for Joy Private Workspace MK Invite Automation Filter Show menu

Planning CURRENTLY WORKING ON Backlog Sprint 1 Sprint 2 Sprint 3 Completed

Planning

Decide and plan tech stack

User stories

Application Architecture Diagram

Description of website

Screen shots of trello boards

Design

Slide deck for Part A presentation

+ Add a card

Feature

+ Add a card

Feature

+ Add a card

Feature

+ Add a card

finished

Wireframes

Dataflow Diagram

+ Add a card

Break down tasks and assign to team

in list [Planning](#)

Description [Edit](#)

Matt K - User Stories & Application Architecture Diagram
Adriana H - Data Flow Diagram & Readme Doc
Benedicte P - Wireframes & Trello Screenshots

Activity [Show details](#)



Write a comment...

Suggested [⚙️](#)

[Join](#)

Add to card

[Members](#)

[Labels](#)

[Checklist](#)

[Dates](#)

[Attachment](#)

[Cover](#)

[Custom Fields](#)

Power-Ups

[+ Add Power-Ups](#)

Automation [ⓘ](#)

[+ Add button](#)

Actions

[→ Move](#)

[Cop](#)

[Make template](#)

[Watch](#)

[Archive](#)

[Share](#)

Cover

Wireframes

in list Completed ⓘ

Members

 +

Description Edit

multiple standard screen sizes, created using industry standard software

- LANDING PAGE
- CONTACT / ABOUT
- FOR HIRE
- ADMIN LOGIN
- MORE INFO

Activity

Show details

 Write a comment...

Add to card

- ↳ Members
- ↳ Labels
- Checklist
- ⓘ Dates
- 📎 Attachment
- 📂 Custom Fields

Power-Ups

+ Add Power-Ups

Automation

+ Add button

Actions

→ Move

📋 Copy

💾 Make template

⌚ Watch

rchive

🔗 Share

Cover

Dataflow Diagram

in list Completed

Members

 +

Suggested ⓘ

Join

Add to card

- ↳ Members
- ↳ Labels
- Checklist
- ⓘ Dates
- 📎 Attachment
- 📂 Custom Fields

Checklist

0%

ERD

Database plan

Add an item

Activity

Show details

 Write a comment...

Automation

+ Add button

Actions

→ Move

📋 Copy

💾 Make template

⌚ Watch

rchive

🔗 Share

Trello Workspaces Recent Starred Templates Create

Board Jumping for Joy Private Workspace MK Invite Automation Filter Show menu

Planning

ITURDAY

8am - Breakfast
9:00am - Sales Meeting
10:30am - Marketing Meeting
12:00pm - Lunch!!
1:30pm - All Hands Meeting
2:30pm - team Meeting
Office Happy Hour

Decide and plan tech stack

Screen shots of trello boards

Design

Slide deck for Part A presentation

+ Add a card

CURRENTLY WORKING ON

Backlog

Sprint 1

Sprint 2

Sprint 3

Completed

Application Architecture Diagram

Description of website

User stories

Feature

Feature

Feature

finished

Wireframes

Dataflow Diagram

+ Add a card

The board is organized into several columns:

- Planning:** Contains cards for "Decide and plan tech stack", "Screen shots of trello boards", "Design", and "Slide deck for Part A presentation".
- CURRENTLY WORKING ON:** Contains cards for "Application Architecture Diagram", "Description of website", and "User stories".
- Backlog:** Contains a card for "Feature".
- Sprint 1:** Contains a card for "Feature".
- Sprint 2:** Contains a card for "Feature".
- Sprint 3:** Contains a card for "Feature".
- Completed:** Contains cards for "finished", "Wireframes", and "Dataflow Diagram".

Each card includes a "Add a card" button and a small circular icon with initials (MK) or a user profile picture.

X

Cover

User stories

in list Completed

Members

MK +

Suggested

Join

Add to card

Members

Labels

Checklist

Dates

Attachment

Custom Fields

Description

Edit

Provides multiple user stories that use 'persona, what and why' that outline meaningful features of project. Shows evidence of user story revision and refinement.

Activity

Show details

Write a comment...

Power-Ups

+ Add Power-Ups

Automation

+ Add button

Actions

Move

Copy

Make template

Watch

Archive

Share

B Board **Jumping for Joy** | Private Workspace | Workspace visible | MK Invite

Search | Automation | Filter | Show menu

Planning

Jam - 10am - Marketing!!!
30am - Marketing!!!
2:00pm - Lunch!!
2:00 pm - Sweet Sweet
Death

Planning

Break down tasks and assign to team

Decide how to organise styled components

Allocate deadlines for sprints

+ Add a card

CURRENTLY WORKING ON

Slide deck for Part A presentation

+ Add a card

Backlog

+ Add a card

Sprint 1

Create Rails API and deploy

Create database tables and deploy

Create seed file and deploy

Create controllers and deploy

Create models and deploy

Use Postman to test

+ Add a card

Sprint 2

Plan React Components

Create React app and deploy

Create components

Write test for components

Create demonstration for client and receive feedback

+ Add a card

Sprint 3

Integrate React with Rails and deploy

Write tests for integration

Create styles

Share with client

+ Add a card

Completed

finished

Wireframes

Screen shots of trello boards

Description of website

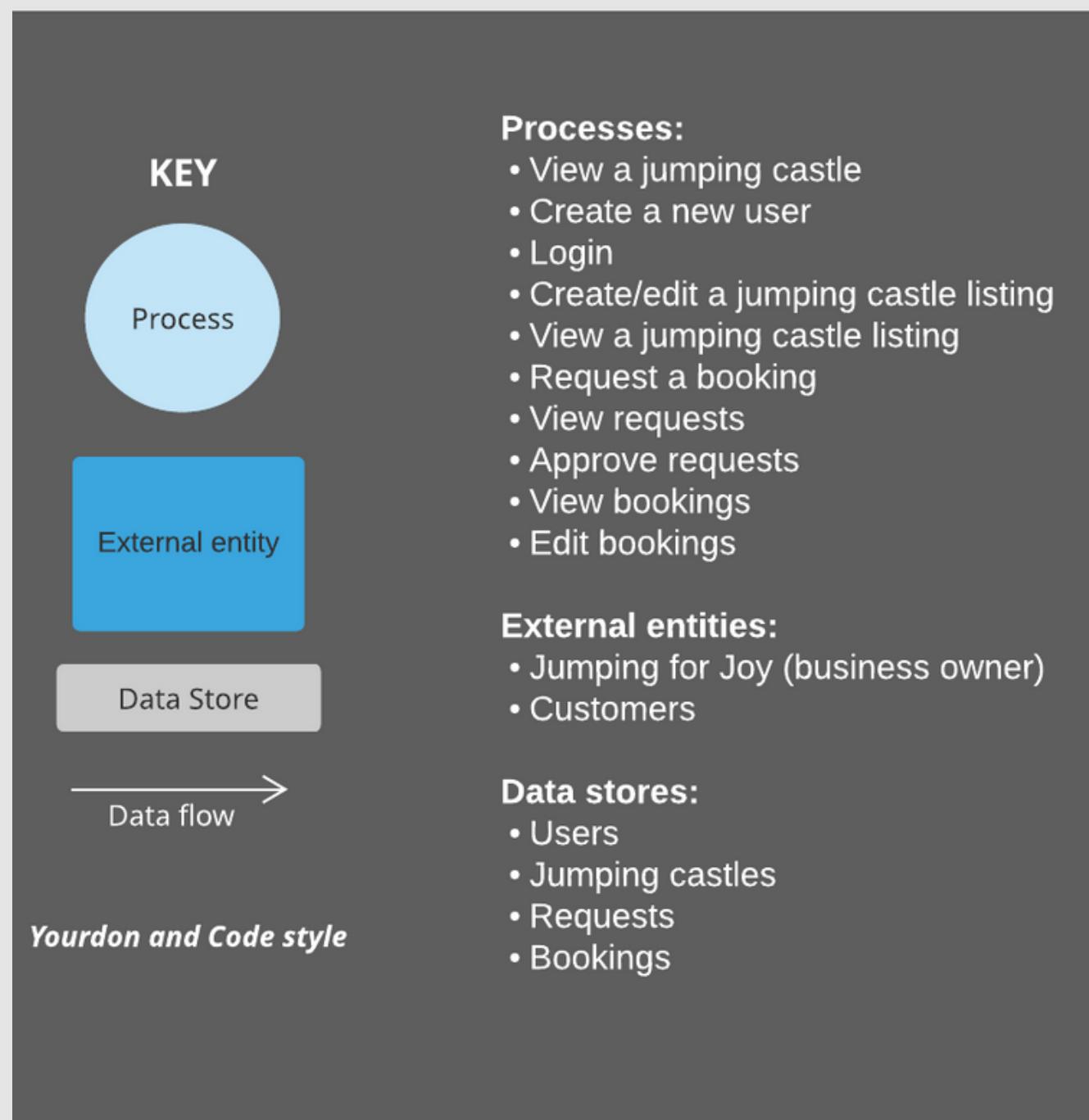
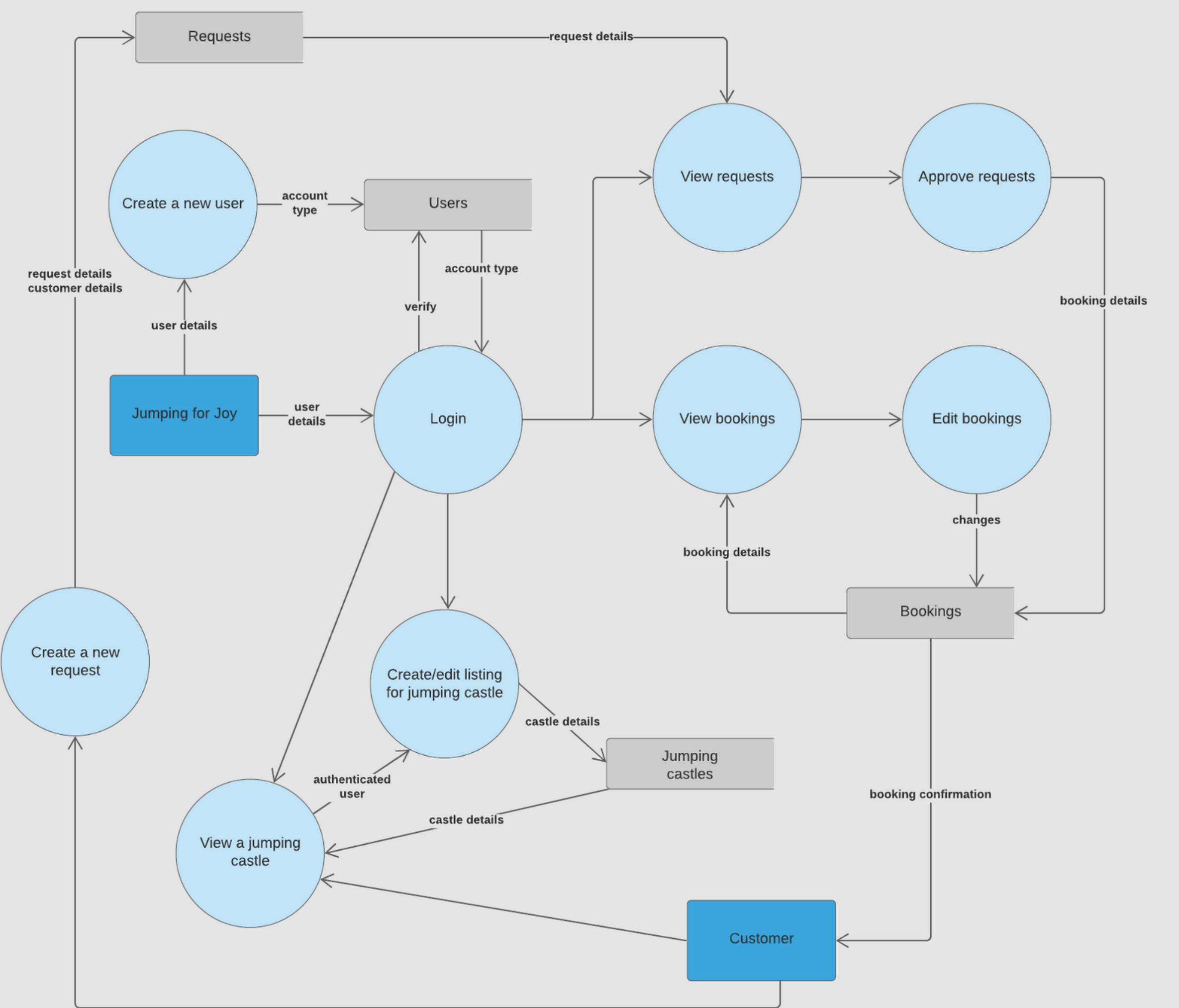
Dataflow Diagram

User stories

Application Architecture Diagram

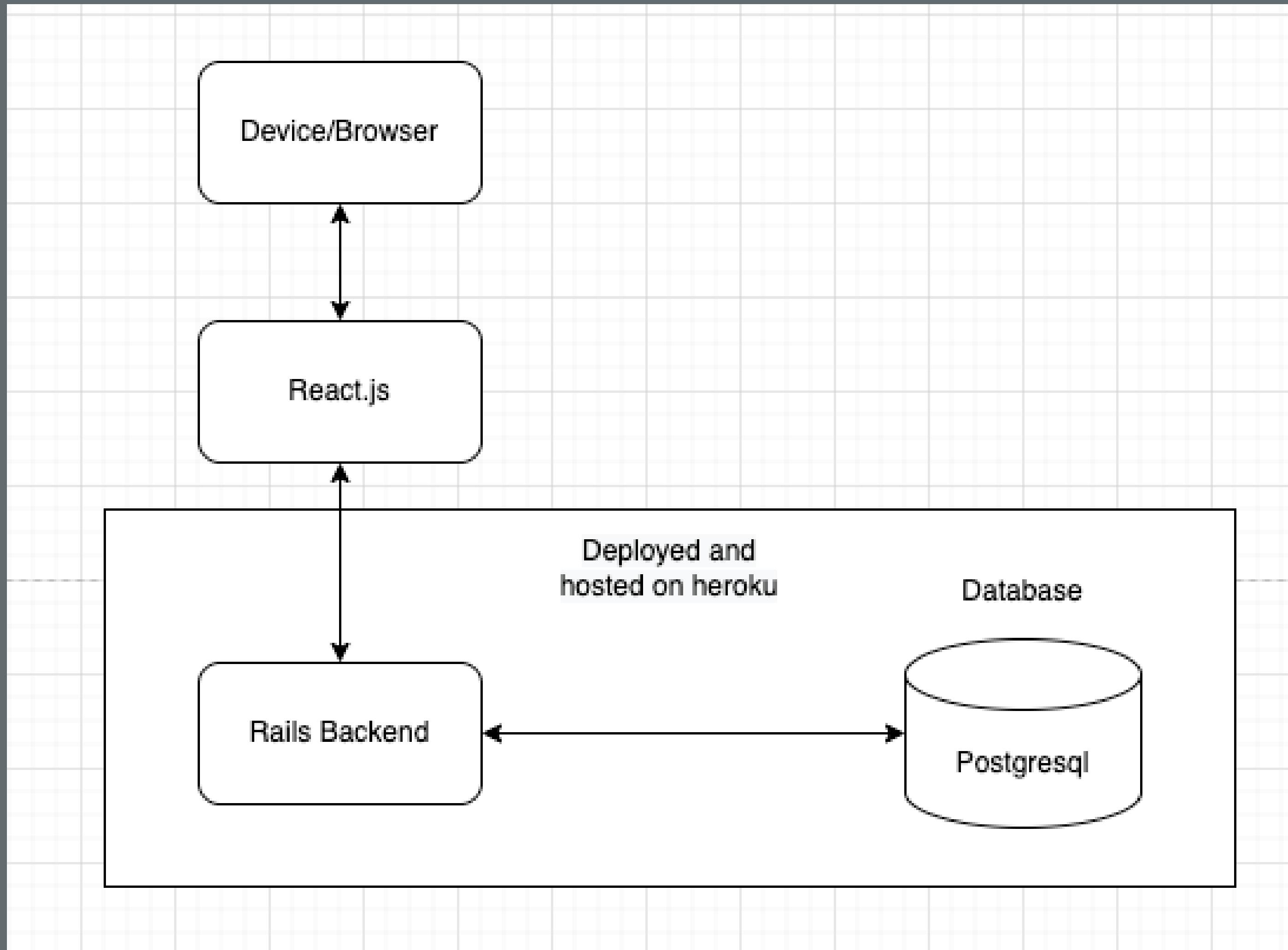
+ Add a card

Data Flow Diagram



Application Architecture Diagram





THE END

