Underoof

Team 7
Xiangyu Li, Xuanlin Yan,
Xulin Wang, Zheng Chu
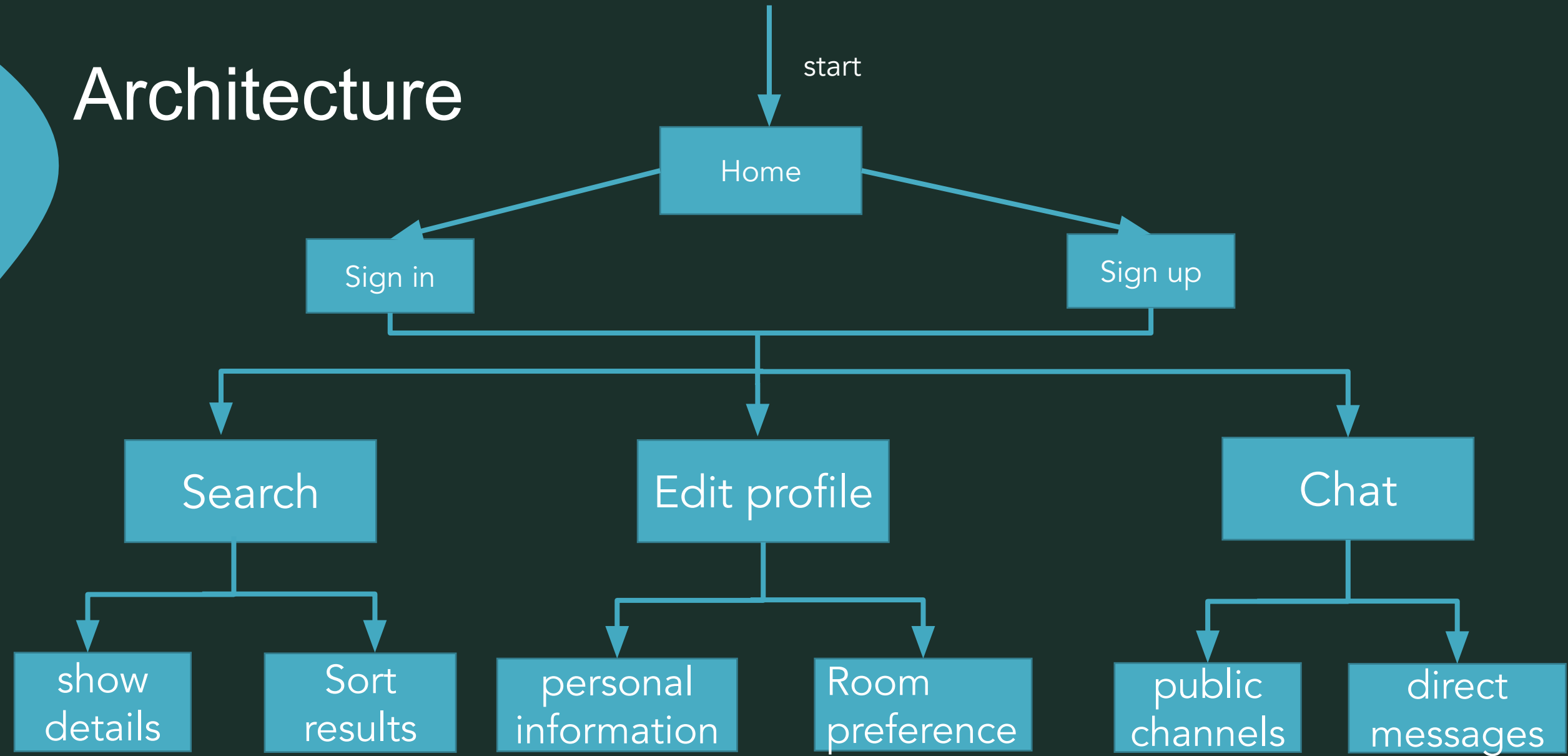
1. Functionality

Overview

- Underoof is a web application that helps people without a room search and chat with roommates.

Architecture

start

Home

Sign in

Sign up

Search

Edit profile

Chat

show details

Sort results

personal information

Room preference

public channels

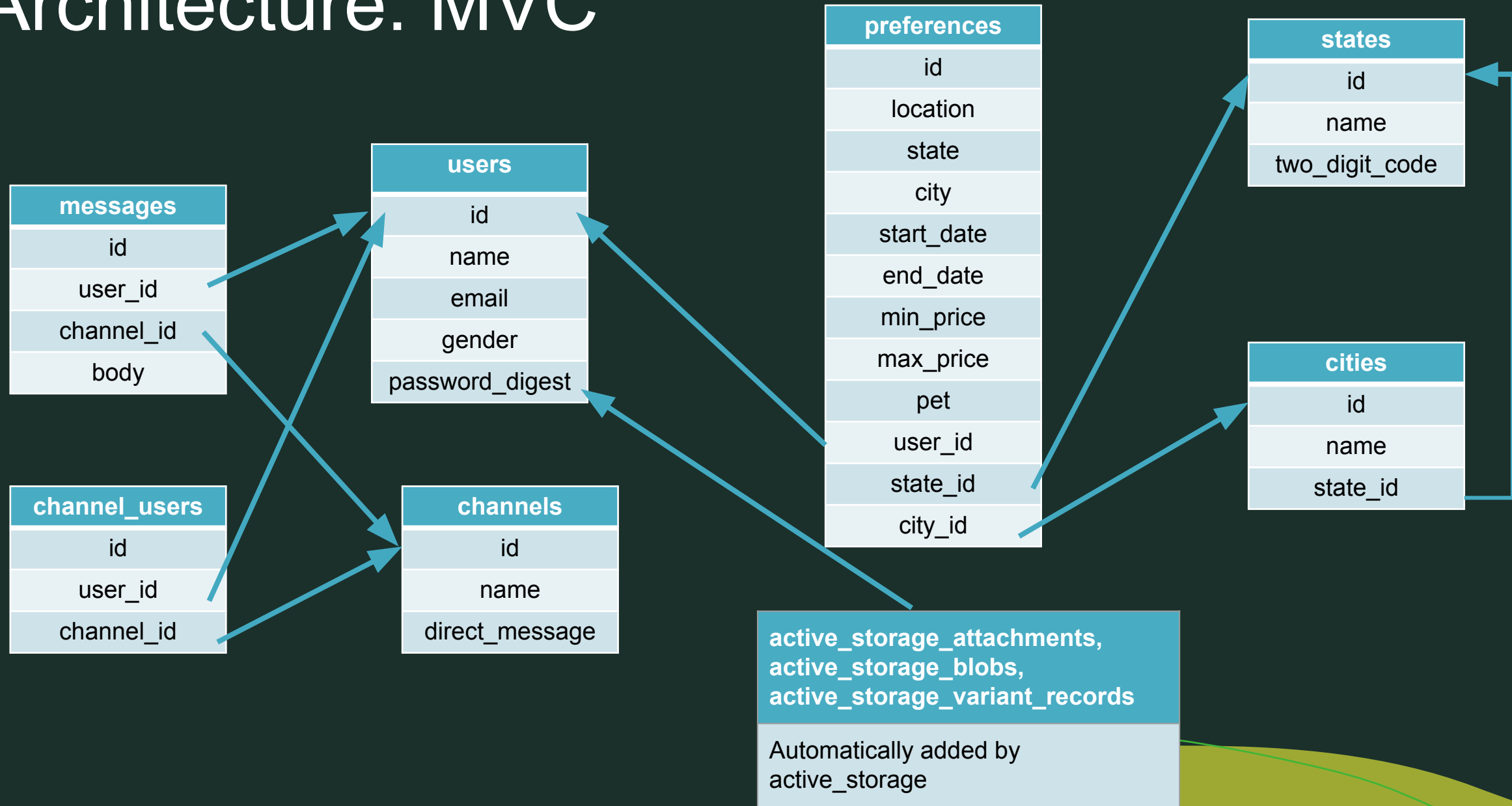direct messages

Features

- <u>Sign up</u> with name, email, password, password confirmation, gender select

- <u>Sign in</u> with name and password

- <u>Logout</u>

- <u>Profile</u> allows user to update their personal and room preference information, including portrait uploading

- <u>Search</u> roommates with state, city, min price, max price, start date, end date and pet preference

- <u>Sort</u> search result by min price, max price, start date or end date

- <u>Details</u> show detail information of certain user under searching result including a "Let's chat" button

- <u>Live Chat</u> in public channels or direct messages

2. Technologies

Architecture: MVC

Beyond the minimum Ruby on Rails

- Ajax
- Action cable/redis
- Stimulus
- Jquery

- faker
- bootstrap
- will_paginate-bootstrap4
- city-state
- font_awesome5_rails

- bcrypt
- rails_admin
- kaminari
- will_paginate
- Rails-controller-testing
- mini_magick
- image_processing

3. Non-coding

Challenges

- Dynamic state-city drop down menu

- Live chat

- Webpacker

Test

- Integration testing along with manual test
- Agile's Incremental Functional Test Approach

Most proud of

- Beautiful and user-friendly UI

- Turn our ideas into a real product

- Go beyond the basic requirement as a Ruby on Rails novice

Improvement

- More flexible search function

- Correct in and out message UI

- DM (direct message) name

Teamwork

How?

- Trello
- Weekly meeting
- Divide work based on availability and interest

What did we learn?

- Do not make product complicated at the beginning
- Always set clear DDL and stick to it
- Help each other
- How to version control in a team

Demo

- https://underoof.herokuapp.com/

Thank you