

Travel App (Name TBA)

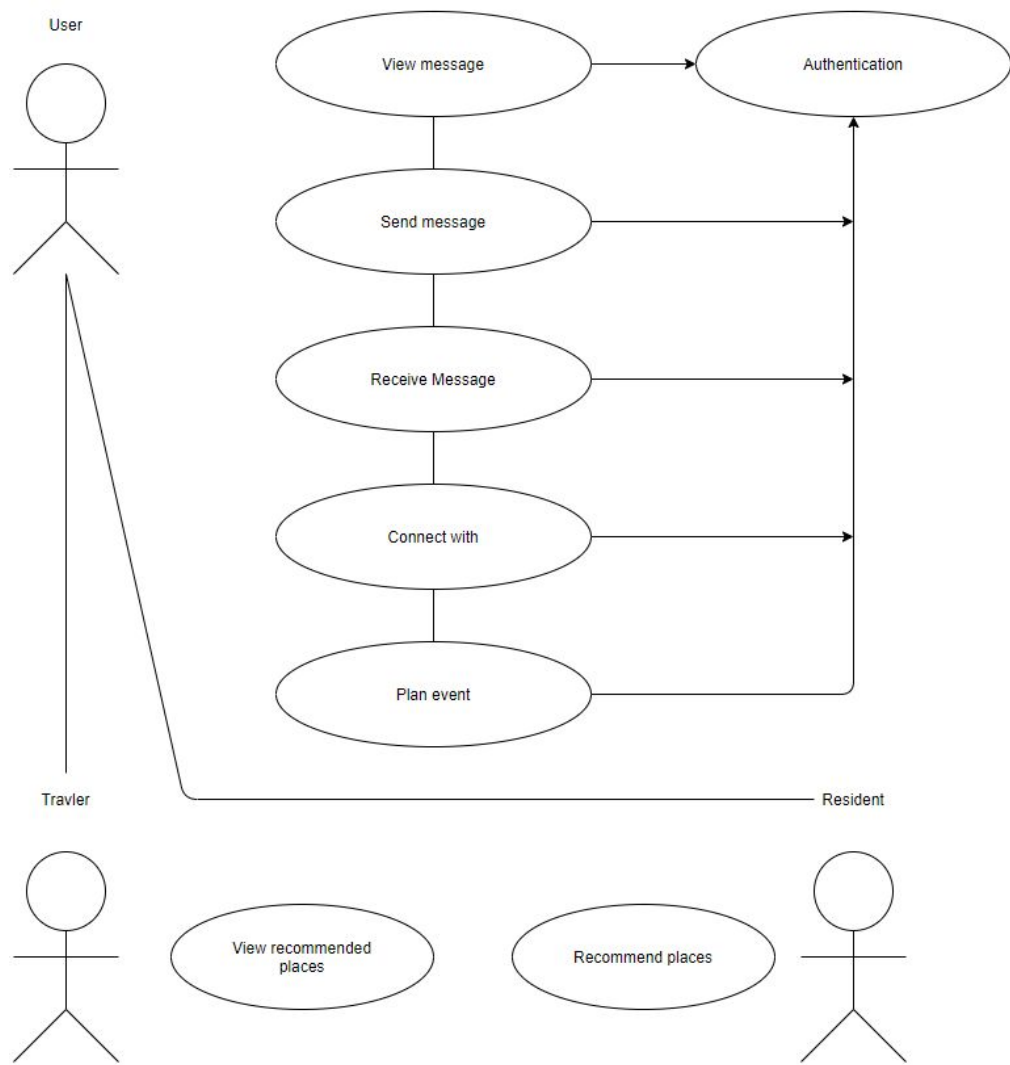
CSE 111 - Project Phase 1

Andy Bui and Kenny Jung

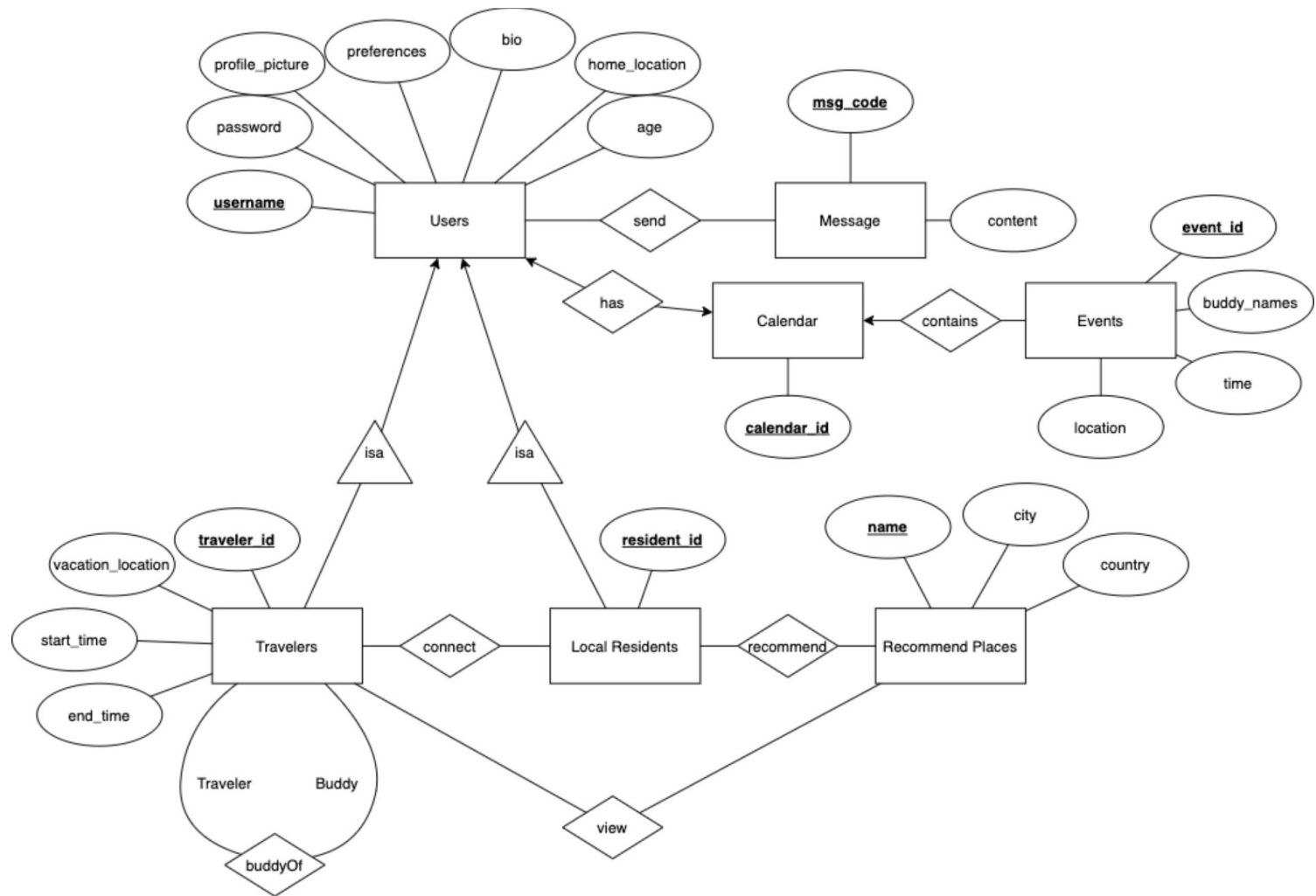
Description

- This app allows travelers to connect with local residents and get recommendations for places to travel
- Travelers can also connect with other travelers to go on traveling trips together
- After connecting, they can message each other and create events

Use Case Diagram



E/R Diagram



Relational Schema

Main Entities

Users	Travelers	Local Residents	Message
<u>username</u>	<u>username</u>	<u>username</u>	<u>msg_code</u>
password	<u>traveler_id</u>	<u>resident_id</u>	content
profile_picture	vacation_location		
preferences	start_time		
bio	end_time		
home_location			
age			

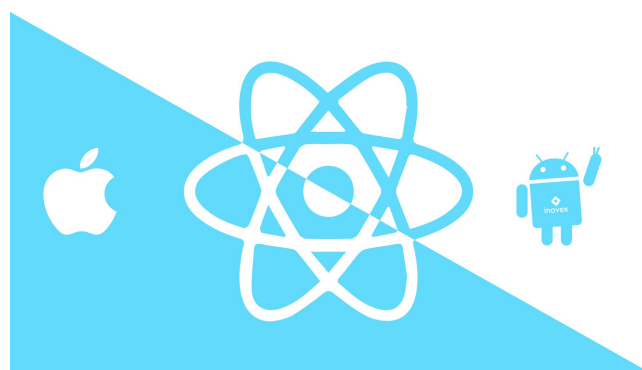
Calendar	Events	Recommended Places
<u>calendar_id</u>	<u>event_id</u>	<u>name</u>
<u>username</u>	<u>calendar_id</u>	city
	buddy_names	country
	time	
	location	

Many-to-Many Relationships

buddyOf	connect	recommend	view	send
<u>uT_username</u>	<u>traveler_id</u>	<u>resident_id</u>	<u>traveler_id</u>	<u>username</u>
<u>uT_traveler_id</u>	<u>resident_id</u>	<u>name</u>	<u>name</u>	<u>msg_code</u>
<u>uB_username</u>				
<u>uB_traveler_id</u>				

Implementation Details

- React Native
 - Frontend and UI
 - We both have used React before, so gonna try React Native
- Node.js and Express
 - REST API to communicate with the database
- MySQL database
 - Relational database for our SQL queries



GitHub Link

https://github.com/kennyjung0223/CSE_111_Project

Questions?