

Team 2

Jared Press - jarednpress

Jonathan Wu - jonathancsci

Emma Worthington - EmmaWorthington235

Francisco Villanueva - cisconueva

Evan Rodenburg - Evan-jpg-pdf

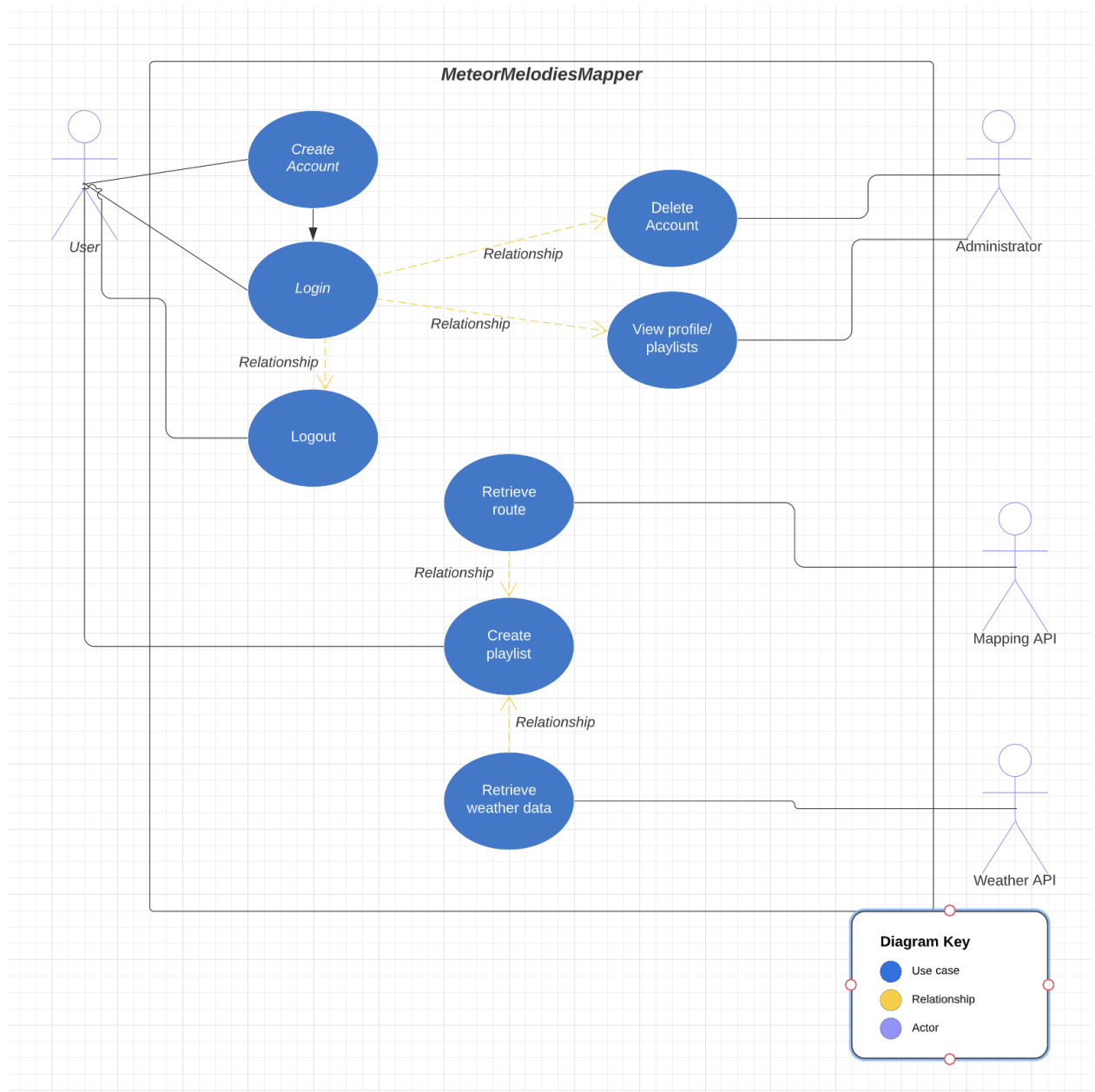
CSCI 3308 Project: < MeteorMelodiesMapper>

1. **Team Number:** 2
2. **Team name:** 2Kewl4Skewl
3. **Team Members:** Jared Press, Jonathan Wu, Emma Worthington, Francisco Villanueva, Evan Rodenburg
4. **App Name:** MeteorMelodiesMapper
5. Users will be able to register and log in. Once logged in, the user can put in their start time and location and the final destination of their road trip. Using a maps api the app will find future locations and estimated time that the user will pass these locations on their road trip. Using this information and the estimated time of the user at a set number of points the app will find what the predicted weather will be. The number of points it checks the weather will be based on the length of the trip so that the playlist will be an appropriate length.

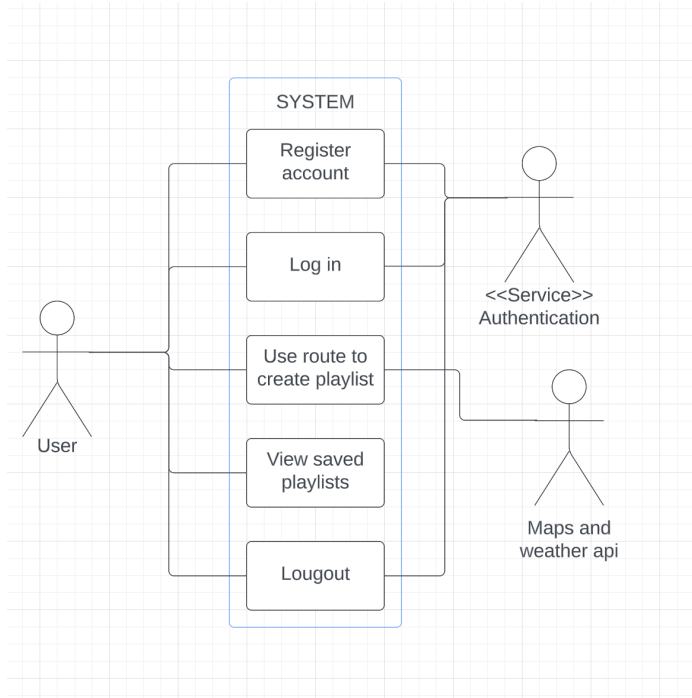
Using the predicted weather at these future points the app will generate a playlist based on the weather. If it is sunny it will add upbeat summery music for that part of the trip, if it is rainy it will add softer calmer music. This way it will produce the perfect weather mood based playlist for users and save them the time of having to click through music so they can focus on the road!
6. MeteorMM is the ultimate road trip experience, providing users with the features that traditional maps programs refuse to. These features are those that are actually beneficial to the user, without the profit incentive of the overlords of modern maps applications. For the first time, users can see the weather along their road trip route and enjoy custom, hand-picked music curated by our experts tailored to your weather experience.
7. <https://github.com/jarednpress/team2kewl4skewl>
8. See github repo.
9. We plan to communicate and organize group activities through discord and email. We will have mostly in person meetings but if we go remote we will use zoom.
10. We currently plan on having our weekly group meetings in person on Friday afternoons in the CSEL. We also currently plan on having our weekly meeting with our TA at 9:45AM on Wednesdays in the CSEL. If we go remote, we will use Zoom.

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11. Use case diagram:



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12. Wireframes:

MeteorMelodiesMapper

LOGIN SIGN UP

LOGIN

USERNAME

PASSWORD

WELCOME USERNAME!

I AM DRIVING FROM BOULDER TO OMAHA

LET'S GO!

RECENT PLAYLISTS:

- DALLAS TO NEW ORLEANS 4/03/202
- RENO TO SEATTLE 1/28/2023
- NEW YORK CITY TO CALGARY 11/26/2022

BOULDER TO OMAHA

TOTAL TIME: 7 hr 48 min

RECOMMENDED PLAYLIST:

- SUNNY FOR 38 MINS
 - WALKEN ON SOMEONE (3:58)
 - SONG TITLE... (12:46)
 - ...
 - ETC.
- RAIN FOR 129 MINS
 - RENT NO SOMEONE (2:08)
 - MORE RAIN MUSIC
 - ...
 - ETC.
- SNOW FOR 34 MINS
 - WINTER WONDERLAND
 - SKI SONG
 - ETC.

SCROLL FOR MORE

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Date: Apr 6, 2023

Minutes

- Provide detailed specifications of our application's purpose/function during the next TA meeting.
- Discussed implementation of a mapping app that provides graphical display of weather at specified points along routes.
 - Considering adding a feature that recommends music depending on weather.
 - Emphasis: provide playlist > dependencies: weather and map route
- Retrieved possible app/project names from ChatGPT (examples of suggested names):
 - WeatherWayz, MeteorMelodiesMapper, DrizzleTunes, Odyssey, etc.
 - **Selected name: MeteorMelodiesMapper**
- Queried Dall-e for possible logos:
 - Prompt: "Make me a logo for MeteorMelodiesMapper, MMM, or just Meteor. This is an app that shows you relevant weather information along your road trip route and provides a playlist of music based on the weather you will pass through."
 - See document: CSCI_3308_Proj-2Kewl4Skewl > Logos
- APIs:
 - <https://www.weather.gov/documentation/services-web-api#/>
 - <https://developer.spotify.com/documentation/web-api> (if given enough time; otherwise build personally recommended playlists)
 - <https://openweathermap.org/api>
 - <https://mapsplatform.google.com>
- **Github link:** <https://github.com/jarednpress/team2kewl4skewl.git>
- TA meeting time: Wednesdays at 9:45 AM