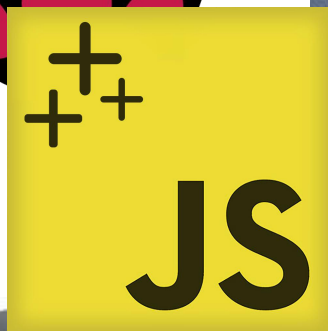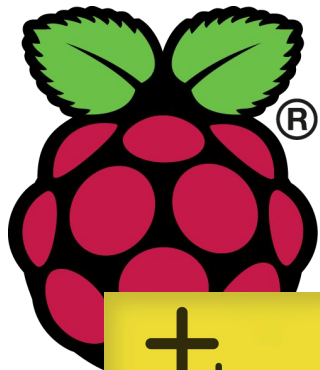# Team SmartMirror

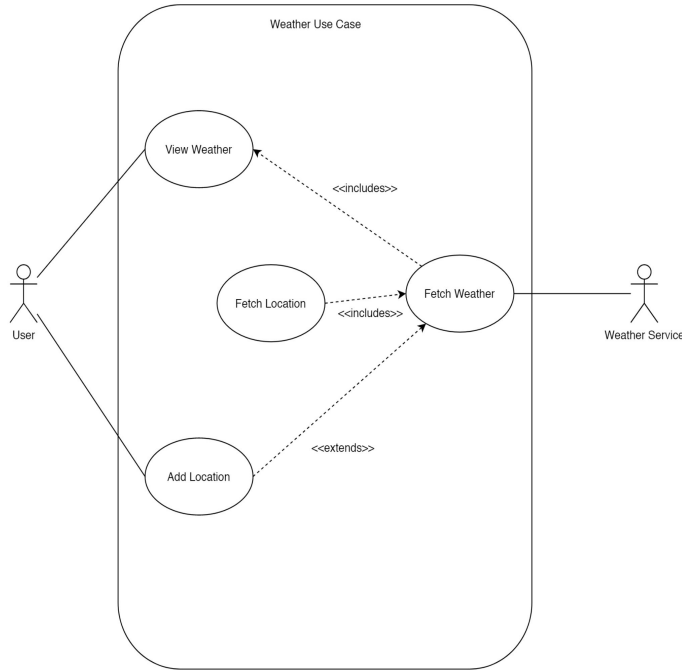Michael Dykema
Josue Nunez

Elevator Pitch

Timeline

Completed:
- Gathered physical supplies:
  - Monitor
  - Framing materials
  - 2-way mirror
  - Raspberry Pi(s)
- Assembled Frame for mirror
- Configured Pi's with SSH for remote access
- Installed MagicMirror platform
- Researched different API's and web scraping methods/languages

Current/Future:
- Finish modifying weather module to accept/rotate multiple locations.
  - 1 week
- Finish frame - connect frame to mirror and seal.
  - 2 hours
- Connection to Alexa or Google Home mini for interactive experience.
  - 3 weeks
- Finish r/DiscGolf post collection
  - 1 week
- Scrape live tournament scores
  - 2 weeks
- Fetch Ultiworld and other news articles
  - 1 week

Use Case

Weather Use-Case Description

Use-Case: View Weather

Actors: Weather Service, User(Initiator)

Description User turns on Magic Mirror and selects the Weather module to add location and connects to Weather Service that fetches and pushes back data to module to begin viewing weekly weather updates from your location.

Cross Ref Email Use Case, Interface Use Case, Login Use Case

Use-Cases User must have completed Add Location portion to Fetch Weather.

Demonstration

2 way mirror- This means the mirror reflects about half the light that hits its surface from LCD screen behind the mirror and allows the other half to pass through to the other side, just like a window. Put black tape/fabric on the remaining edges so light doesn't pass through.