Basemap - (get basemap independently openstreetmap, google, map etc.)

* Roads
* Landcover
* Features

Feature

* Wildfire Data - <https://www.usgs.gov/products/data-and-tools/real-time-data/wildfire>
  + <https://www.geomac.gov/>

------------------ Database -----------

Trail Data

* Trailheads
* Trails (Maybe)

As a Utah hiker, where are current wildfires in relation to my location? Will my proposed path intersect any historic wildfire locations?

Functions

* Show Current Wildfires
* Search Historic Wildfires
  + By date
  + By location
* Search Trail Data
  + By Location - trailhead?
  + By Length?
  + Trail Difficulty
  + Trail Designated Uses
  + Trail Season Restrictions
  + Measure

Add/update new trails/trailheads & Depreciate old trails

Entities/Objects

* Current wildfire (polygon?)
  + Size
  + Containment?
  + State
  + Discovery Date
* Historic wildfire (polygon?)
  + Date
  + Size
  + Discovery Date
* Review (linked to Trailhead/Trail) - users can add reviews
  + Date Added
  + Source/Name
  + Active/Inactive
  + Rating
  + Comments (add trailhead id when added)
  + Trail Id
* Trailhead
  + Trail Id
* Trails (line) - users cannot edit will be used for data from file
  + Trail Difficulty
  + Trail Designated Use
  + Trail Season Restrictions
  + Length
  + Trailhead Id

UML Diagram - Brian 11/19

* Create Objects - Alex
* Enum Types
* Lab 1

E-R Diagram - Mary

* E-R Diagram?
* Database design & initial load
* Lab 2

Wireframes & Basic Front End

* Lab 3

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All Done - 11/28