



CSE-111: Wildfire CRUD Database

By Sidharth Babu, Michael Cheung



System Description

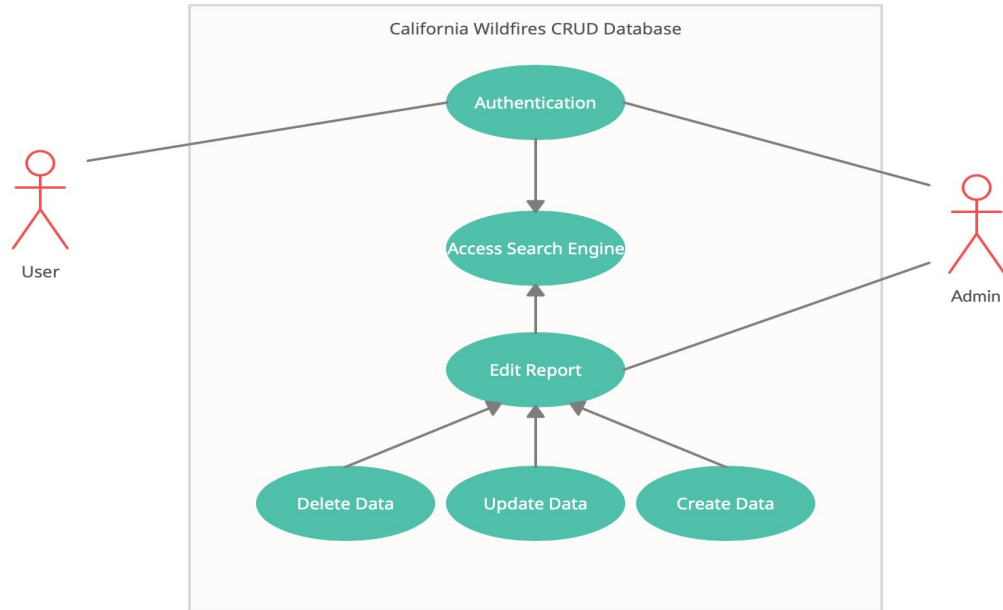
- Multi use self updating database that showcases current wildfires occurring on California.
 - Allows users to see and Admins to update:
 - Dates (Start and last Updated)
 - Responders
 - County/Location
 - Whether its Contained or ongoing?
- Linked with the Official Cal Fire ArcGIS UI for further information.



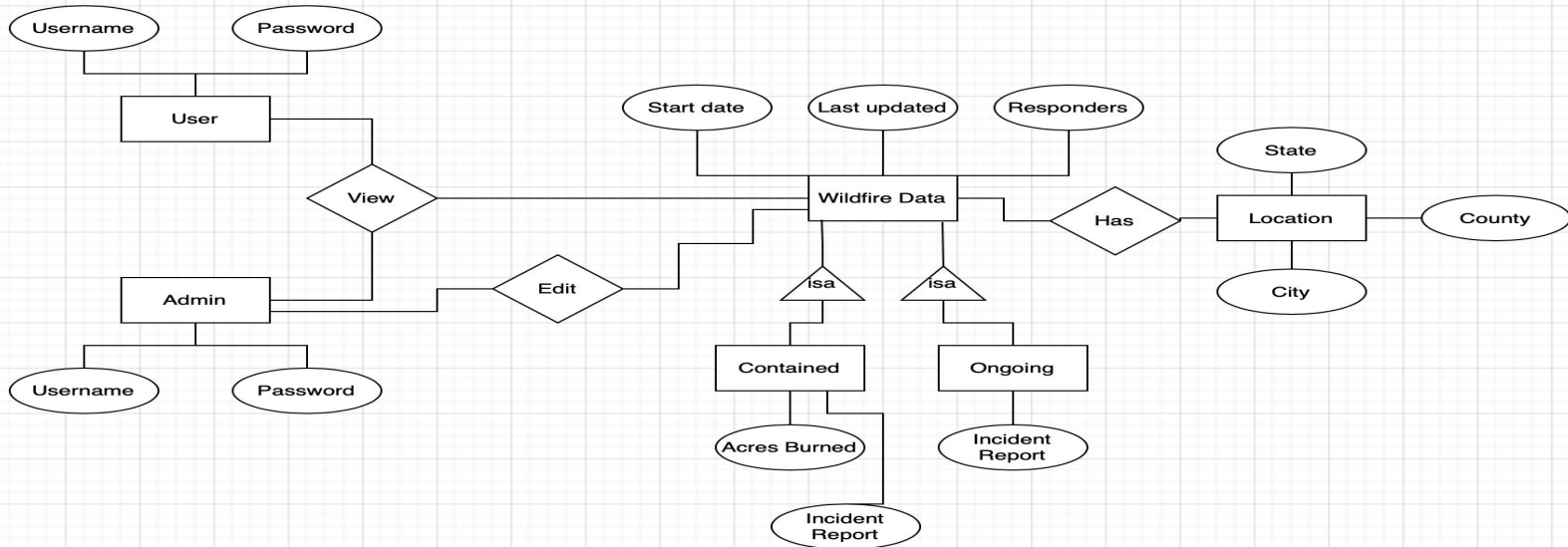
Implementation Details

- **Web Server:** xampp (MySQL, PHP, phpMyAdmin and the PDO Extension)
- **PHP:** Connection to MySQL database and Tuples
- **Bootstrap:** CSS styling

Use Case Diagram



E/R Diagram & Schema





Relational Diagram

User

- u_username, u_password

Admin

- a_username, a_password

Wildfire Data

- w_startdate, w_lastupdated, w_responders

Contained

- cont_incidentreport, cont_acresburned

Ongoing

- on_incidentreport

Location

- l_city, l_county, l_state



Questions?