Controller

- Handles addition of new ranges through core data;

- Retrieves range information;

- Calls weather API;

- Retrieves current location;

- Retrieves nearby shooting ranges;

View

- Reacts to user taps and interactions;

- Displays list of shooting ranges;

- Displays map of shooting ranges;

- Displays location of selected nearby range on map;

- Displays specific information on selected shooting ranges;

- Display picture of saved location;

- Display action pop-up for adding a location;

- Display information regarding selected location;

- Display ImagePicker;

Model

- Core data storage for:

New shooting locations with relevant information

- Notifies the controller of data changes;

- Provides picture storage and manipulation;

- Interacts with controller through objects obtained through API calls;

User action:

- Taps control buttons;

- View navigation controls;

- View/Edit TableView cells;

- Search for nearby ranges;

- Upload image using UIImagePicker;

User Update:

- Updates location table view;

- Updates available locations;

Update:

- Saves new range information;

- Submits location availability;

Notify:

- Range addition;