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Iteration Plan – CSC 440 Phase 1

High Level Objectives

- System deployment
- Live demonstration of system
- Implementation of the following use cases:
 - UC1 - Register user
 - UC2 - Authenticate user
 - UC3 - Change user password
 - UC4 - Reset user password
 - UC5 - Logout
 - UC10 - View crime data by incident type
 - UC11 - Import new crime data

Work Items

Tasks	Assignee
Setup GitHub repository	Alex Krebiehl
Create Vision Statement	Mark Frye
Create GitHub Wiki page	Alex Krebiehl
Develop Use Cases	Khalid Alsuwaiyel
Sequence Diagrams	Mark Frye
Iteration Plan	Mark Frye
Design Documents	Alex Krebiehl
Implement basic database structure	Khalid Alsuwaiyel

Evaluation criteria

- Test cases passed before live demo: 100%
- Favorable response by audience and instructor to live demo

The following test cases are critical to live demo success. Below is a brief summation of the tests for key use cases:

- UC1 – Register User:
 - Have user enter username, email address and password
 - System confirms user registration

- UC2 – Authenticate User:
 - User enters username and password.
 - User is logged into website
- UC10 - View crime data by incident type
 - User selects a crime type
 - User is presented with a list of crimes that match that incident type
- UC11 – Import new crime data
 - The user will upload a valid CSV file containing crime data
 - The CSV will be parsed by the system for accuracy,
 - Add record to the database
 - System will check for unique response descriptions
 - System will assign IDs for fast look ups