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Iteration Plan – CSC 440 Phase 2

High Level Objectives

- System deployment
- Live demonstration of system
- Implementation of the following use cases:
    - UC4 – Reset user password
    - UC6 – Login after resetting password
    - UC8 – View crime data overview
    - UC13 – Edit incident description
    - UC15 – Search based on time period

Work Items

Tasks	Assignee
Update Vision Statement	Mark Frye
Update GitHub Wiki page	Alex Krebiehl
Develop Use Cases	Mark Frye/ Khalid Alsuwaiyel
Sequence Diagrams	Alex Krebiehl
Update Iteration Plan	Mark Frye
Design Documents	Alex Krebiehl/ Khalid Alsuwaiyel
Use case implementation	Khalid Alsuwaiyel/Alex Krehiehl/Mark Frye

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:

- UC4 – Reset user password
    - A user enters the email address they specified when creating their account
    - A temporary password is randomly generated by the System
    - The temporary password is set as the user's new password

- The user's account is set to require password change on next login
  - The temporary password is emailed to the user
- UC6 – Login after resetting password
  - The user enters a new password that meets criteria for being secure
  - The user re-enters the same password to check for typos
  - The password is saved as the user's new password
- UC8 – View crime data overview
  - User logs in and is taken to home page
  - Crime records are shown at a high level basic level
  - A table of overall statistics is displayed, listing the top incidents in Cincinnati
- UC15 – Search based on time period
  - Basic Flow:
  - The user selects a region
  - The user chooses a time period
  - A chart displays the types crimes and frequency over the specified time period