



University of Dayton
Department of Computer Science

CPS 475/575
Secure Application Development

**Lecture 24 –
Final Project Tutorial 2: Displaying Data &
Asynchronous web application and WebSocket
programming**

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4/21/2020

Today's Agenda

- Midterm Test Grade
- Final project check-up
 - Hint for displaying data from the database
 - Hands-on:
 - Importing database
 - Displaying data: A Web services/RESTful API Implementation (Lab 7.1 - EC)
- Ajax
 - Hands-on: City Search Hints (Lab 7.2 - EC)
- Websocket (Preparation for Lab 8 - EC)
 - Hands-on: WebSocket with echo.websocket.org

Reminder: Final Project Timeline:

Keep your README.md update in every step

Project requirements (latest update): <http://bit.ly/secad-s20-project>

- **Sprint 1: 11:55 pm 4/21/2020 (TONIGHT)**
 - Database Design and Implementation (can be incomplete)
 - Login/Change password/ [User registration \(covered in Lecture 23\)](#)
 - Basic (required): username/password as in Lab 6
 - Optional (extra credit): + name, email, phone#
- **Sprint 2: 11:55 pm 4/28/2020**
 - Logged-in users can add a new post, [can view \(revised – will be covered today\)](#) and add a comment on any post
 - Logged-in users can edit (update, delete) their own posts
 - A user cannot edit posts of other users
- **Sprint 3: 11:55 pm 5/5/2020**
 - A super user can disable/enable an account
 - A disabled account cannot login
 - Integrating the Chat system
- **Finishing: 11:55 pm 5/8/2020**
 - Video demo and submission