Exercise 3: Component Modeling (Exercise Description)

Exercise 3: Component Modeling

During this exercise we will review your logical component model's structural and behavioral views.

We are giving you:

- Two use cases (see next slide)

We want you to:

- Create the structural view (relationship diagram)
- Document the responsibilities of the components you've added to the model
- Create two behavioral views (sequence diagrams) for the use cases given to you

Refer to AT_CS01 Model Answer Requirements Specification for more details on the use cases.

Be ready with:

- A completed logical component relationship diagrams
  - Logical actors connected to "edge" components, which are connected to the other components in the system (so that information can flow between components)
- Some thoughts on the responsibilities of the components you've added to the component model
  - And if you have time, maybe something about their interfaces, methods, and attributes
- Two completed sequence diagrams
  - Logical actors interacting with "edge" components, which are also interacting with the other components in the system

- **Use Case: UC_01 Logon**
  - Initiating actor: Respondent
  - Supporting actors: None

  - Main scenario:
    - Actor   Request logon page by providing URL (or using bookmark)
    - System   Displays the Logon page
    - Actor   Enters CFN, eCN and presses the "Logon" button
    - System   Verifies the provided credentials
                       If valid, renders the initial section page
                       If invalid, displays the error message, offers to re-enter credentials

- **Use Case: UC_12 Submit Form (from mobile device)**
  - Initiating actor: Respondent
  - Supporting actors: None

  - Main scenario:
    - Actor: Submits form by pressing the "Submit Form" button
    - System: Displays the "Thank you" page with the Receipt Number. Asks for feedback
    - Actor: Completes feedback. Presses the "Submit Feedback" button
    - System: Displays the final screen

THANK YOU