

NKUNet

Iteration 3

Team: High Speed Rail



Iteration 3 Tasks

Show only relevant UI to user, based on role

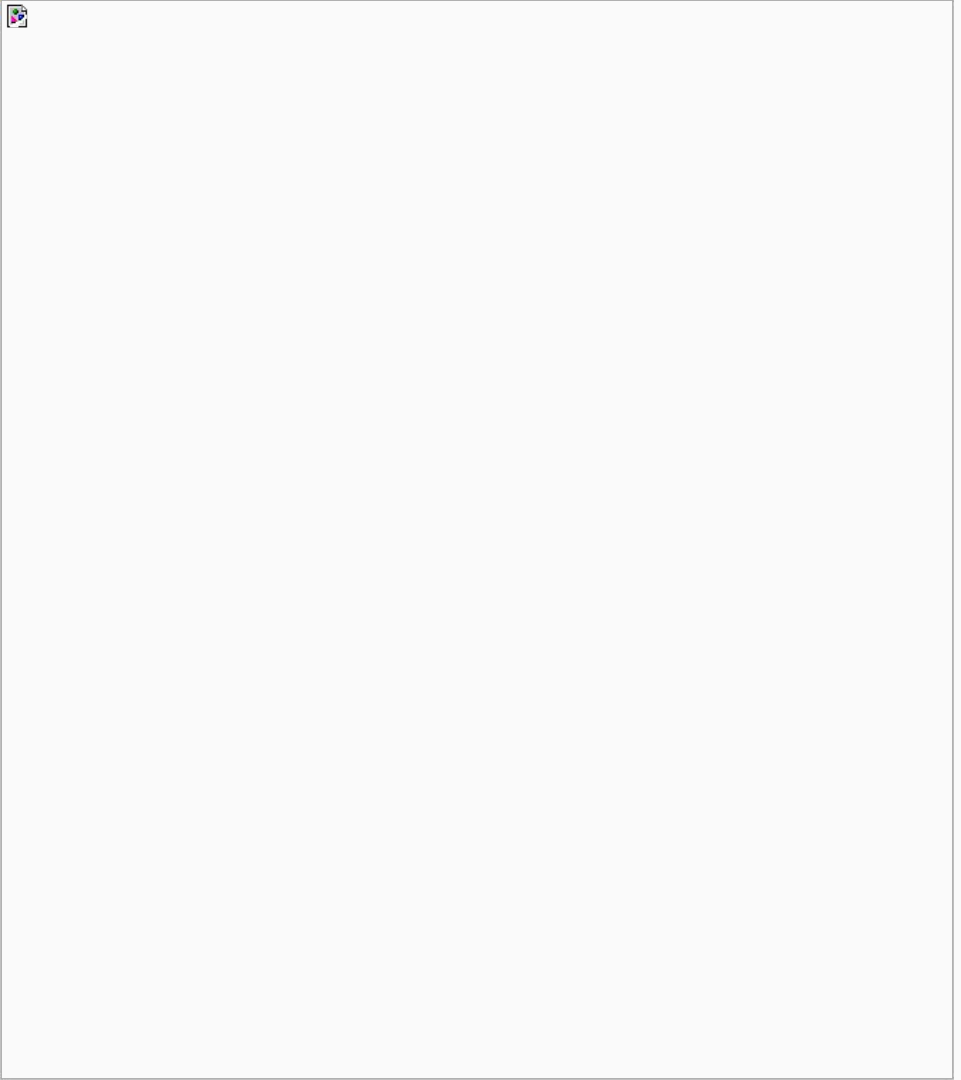
Polish overall system UI

Implement search and uploading CSVs for mass user creation

Implemented Use Cases

- UC 6: Search for Question
- UC 7: Upload CSV

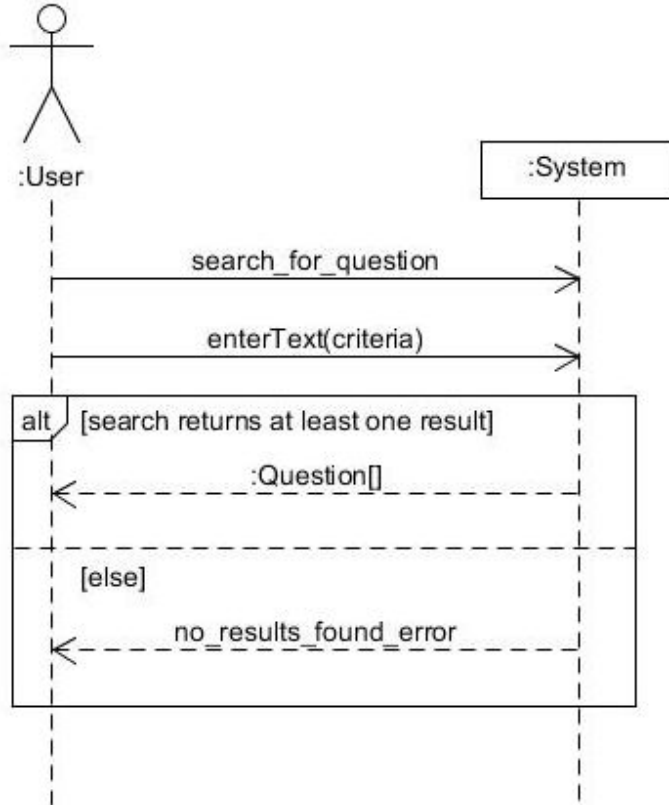
Domain Model



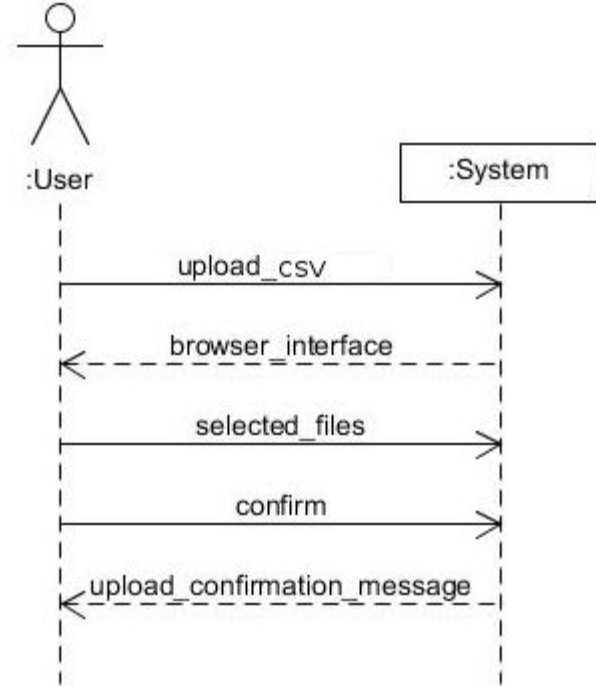
System Sequence Diagrams

The SSDs for the previous iteration are omitted for readability.

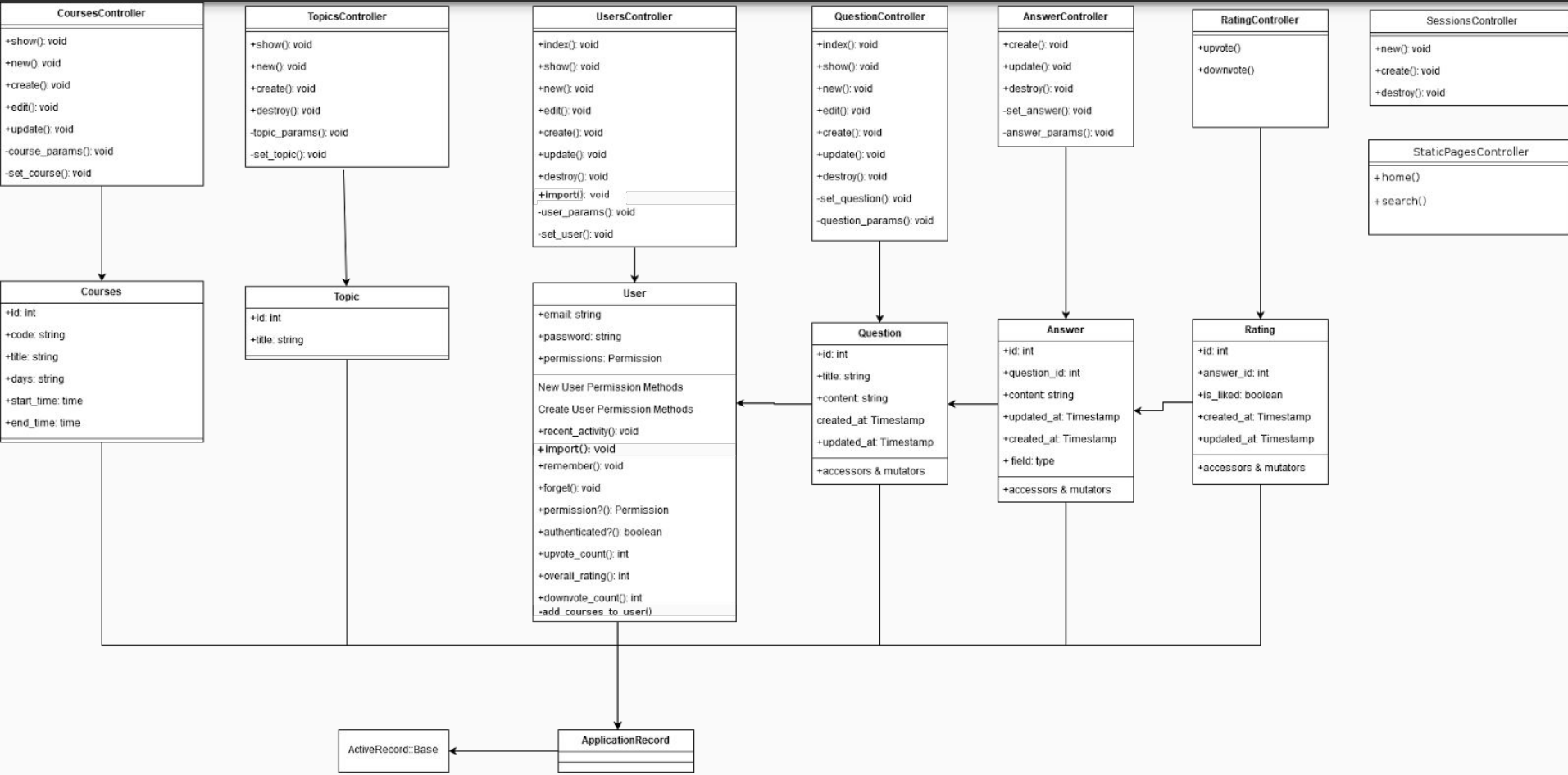
UC6: Search For Question



UC7: Upload CSV



Class Design Diagram



Test Plan

Three Categories

- Models
- Controllers
- Integration

Model Testing

- Check for required attributes
- Check for correct attribute formats
- Test that any custom methods create objects with correct parameters

Controller Testing

- Ensure that each action is correctly fetching, creating, updating, or deleting records
- Make sure that every required action is being authenticated
- If required, test that flash messages are being created
- Ensure that each action redirects correctly

Integration Testing

Test the overall flow of an action.

- Starting from the home page, try to create question without logging in, get redirected to login screen with flash message indicating the need to sign in
- As an administrator, ensure that all actions that you have permission for are displayed.
- In general, test that the view reacts correctly to the currently logged in user