



**Team Yes**  
**CSCC01H3 F - Introduction to Software Engineering**  
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# CRC Cards

## Back End

User.js	
Responsibilities <ul style="list-style-type: none"><li>• Knows username</li><li>• Knows password</li><li>• Connected to a Profile</li><li>• Knows phone number</li><li>• Knows email</li></ul>	Collaborators <ul style="list-style-type: none"><li>• Profile.js</li></ul>

Profile.js	
Responsibilities <ul style="list-style-type: none"><li>• Has a picture</li><li>• Knows about</li><li>• Knows status</li><li>• Knows ACS</li><li>• Knows questionnaire answers</li><li>• Has a list of picks</li><li>• Has a tracker of other Users</li></ul>	Collaborators <ul style="list-style-type: none"><li>• User.js</li></ul>

DebateController.js	
Responsibilities <ul style="list-style-type: none"><li>• Handles all HTTP requests to the debate module</li><li>• Has logic to parse the HTTP requests</li><li>• Verify data before sending to model</li></ul>	Collaborators <ul style="list-style-type: none"><li>• DatabaseCreate.js</li><li>• DatabaseRead.js</li><li>• DatabaseUpdate.js</li><li>• DatabaseDelete.js</li></ul>

LoginController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the login module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model to authenticate user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

OpencourtController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the open court module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

ProfileController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the profile module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

SignupController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the profile module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

TriviaController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the trivia module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

PicksPredictionsController.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles all HTTP requests to the picks and predictions module</li> <li>• Has logic to parse the HTTP requests</li> <li>• Verify data before sending to model</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseRead.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

DatabaseCreate.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles any request to create documents in the database.</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseRead.js</li> </ul>

DatabaseRead.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles any request to read documents in the database.</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseCreate.js</li> <li>• DatabaseUpdate.js</li> <li>• DatabaseDelete.js</li> </ul>

DatabaseUpdate.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles any request to update existing documents in the database.</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseRead.js</li> <li>• DatabaseDelete.js</li> </ul>

DatabaseDelete.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Handles any request to delete existing documents in the database.</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DatabaseRead.js</li> </ul>

## **Front end**

App.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display different pages depending on state</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• SignupPage.jsx</li> <li>• LoginPage.jsx</li> </ul>

<ul style="list-style-type: none"> <li>Tracks current user logged in</li> </ul>	<ul style="list-style-type: none"> <li>ProfilePage.jsx</li> <li>OpenCourtPage.jsx</li> <li>TheZonePage.jsx</li> <li>TriviaPage.jsx</li> <li>DebatePage.jsx</li> <li>PicksAndPredictionsPage.jsx</li> <li>TopNavBar.jsx</li> </ul>
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HttpClient.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Holds common information necessary for front to back end connection</li> </ul>	<b>Collaborators</b>

## Signup

SignupCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Send sign up information to backend server using HTTP to create a new account</li> <li>Check if a username, phone, or email already exists</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>HttpClient.jsx</li> </ul>

SignupPage.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Display the signup form</li> <li>Send sign up information to SignupCalls to create a new account</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>SignupCalls.js</li> </ul>

## Login

LoginCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Call the backend server to login and authenticate user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>HttpClient.jsx</li> </ul>

LoginPage.jsx	
<b>Responsibilities</b>	<b>Collaborators</b>

<ul style="list-style-type: none"> <li>• Display the login form</li> <li>• Sends the login details to the LoginCalls to log the user in</li> </ul>	<ul style="list-style-type: none"> <li>• LoginCalls.js</li> </ul>
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## Profile

ProfileCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Call the backend server to access the profile information of wanted user(s)</li> <li>• Call the backend server to edit profile information of the currently logged in user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• HttpClient.jsx</li> </ul>

ProfilePage.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the components in Profile</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• HttpClient.jsx</li> <li>• ProfilePicture.jsx</li> <li>• ProfileAbout.jsx</li> <li>• ProfileStatus.jsx</li> <li>• ProfileACS.jsx</li> <li>• ProfileSocial.jsx</li> <li>• ProfileRadar.jsx</li> </ul>

ProfilePicture.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the profile picture</li> <li>• Upload a profile picture from the user's file system</li> <li>• Save changes to the profile picture</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

ProfileAbout.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the about section in profile</li> <li>• Edit the about section</li> <li>• Save changes to the profile about</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

ProfileStatus.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the profile status</li> <li>• Edit the profile status</li> <li>• Save change to the profile status</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

ProfileACS.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the ACS of the wanted user</li> <li>• Get ACS of user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

ProfileSocial.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Save links to social media of user</li> <li>• Display social media links of wanted user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

ProfileRadar.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display a list of followed users with acs for a given users</li> <li>• Access other profiles on followed list</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ProfileCalls.js</li> </ul>

## The Zone

TheZoneCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Manages getting and sending posts from backend</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• HttpClient.jsx</li> </ul>

TheZonePage.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Provides navigation to the other pages</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ScoreTicker.jsx</li> </ul>



of the app <ul style="list-style-type: none"> <li>• Display live score ticker</li> <li>• Display posts of users</li> </ul>	<ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> </ul>
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ScoreTicker.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Get data from backend API</li> <li>• Display score data</li> <li>• Update score data live</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> </ul>

TheZoneCreatePost.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the editor to create a Post</li> <li>• Send input to TheZoneCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> </ul>

TheZonePost.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the post components</li> <li>• Display the content of the post</li> <li>• Get content of the post from the back end with TheZoneCalls</li> <li>• Send input to back end with TheZoneCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TheZoneCreateComment.jsx</li> <li>• TheZoneComment.jsx</li> <li>• TheZoneCalls.js</li> </ul>

TheZonePostList.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Get list of posts to display from the backend</li> <li>• Add a post to front end if a post is created in the back end</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> <li>• TheZoneCreatePost.jsx</li> </ul>

TheZoneCreateComment.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the editor to create a comment</li> <li>• Send input to TheZoneCalls</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> </ul>

TheZoneComment.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display comments to a post</li> <li>• Get comments to a post from TheZoneCalls</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• TheZoneCalls.js</li> </ul>

## Trivia

TriviaCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Manages sending and receiving questions and answers for trivia with backend server</li> <li>• Manages gains/losses of users after trivia gameplay</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• HttpClient.jsx</li> </ul>

TriviaPage.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the components in Trivia</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• TriviaSoloGame.jsx</li> <li>• TriviaMultiplayerGame.jsx</li> <li>• TriviaGameContainer.jsx</li> </ul>

TriviaSoloGame.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• start a solo game of trivia</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• TriviaCalls.js</li> </ul>

TriviaMultiplayerGame.jsx
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Responsibilities <ul style="list-style-type: none"> <li>• start a multiplayer game of trivia</li> <li>• Display button to accept multiplayer game of trivia</li> <li>• Record multiplayer matches on the HttpClient before the match finish on both side</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TriviaCalls.js</li> </ul>
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TriviaContainer.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the components in a trivia game</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TriviaResults.jsx</li> <li>• TriviaTimer.jsx</li> <li>• TriviaQuestion.jsx</li> <li>• TriviaAnswer.jsx</li> </ul>

TriviaResult.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the current round number and how many answers the user got correct</li> <li>• Update after each trivia round</li> <li>• Send the result to the TriviaCalls when match finish and compute the ACS score gain/loss</li> <li>• Display ACS score gain/loss</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TriviaCalls.js</li> </ul>

TriviaTimer.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the timer in a trivia game</li> <li>• Update time every second or at a new round</li> </ul>	Collaborators

TriviaQuestion.jsx
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Responsibilities <ul style="list-style-type: none"> <li>• Display the question for the round</li> <li>• Get question for the round from TriviaCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TriviaCalls.js</li> </ul>
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TriviaAnswer.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the answers for the round</li> <li>• Get answers for the round from the HttpClient</li> <li>• Send user input to TriviaCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• TriviaCalls.js</li> </ul>

## Debate

DebateCalls.js	
Responsibilities <ul style="list-style-type: none"> <li>• Manages sending and receiving questions and answers for Debate</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• HttpClient.jsx</li> </ul>

DebatePage.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the components in Debate</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCreatePost.jsx</li> <li>• DebatePost.jsx</li> </ul>

DebateCreatePost.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the editor to create a post for debate</li> <li>• Shows the current debate topic</li> <li>• Send input to DebateCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCalls.js</li> </ul>

DebatePost.jsx
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Responsibilities <ul style="list-style-type: none"> <li>• Display the debate post components</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebatePostBody.jsx</li> <li>• DebatePostTopic.jsx</li> <li>• DebateAgreePercentage.jsx</li> <li>• DebateAgreeScale.jsx</li> </ul>
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DebatePostTopic.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display debate topic of a post</li> <li>• Get debate topic of a post from DebateCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCalls.jsx</li> </ul>

DebatePostBody.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display content of a debate post</li> <li>• Get content of a debate post from DebateCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCalls.jsx</li> </ul>

DebateAgreePercentage.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display percentage of people agree with the post</li> <li>• Get percentage of people agree with the post from DebateCalls</li> <li>• Get ACS gained from debate post from HttpClient</li> <li>• Display ACS gained from debate post</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCalls.jsx</li> </ul>

DebateAgreeScale.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display slider and button to agree on a scale</li> <li>• Send user input to DebateCalls</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• DebateCalls.jsx</li> </ul>

## Picks And Predictions

PicksAndPredictionsCalls.js	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Manages sending and receiving picks and predictions of current user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>HttpClient.jsx</li> </ul>

PicksAndPredictionsPage.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Display the components in Picks and Predictions</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>DailyPicks.jsx</li> <li>PreseasonPicks.jsx</li> <li>PlayOffPicks.jsx</li> </ul>

DailyPicks.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Display the list of daily picks</li> <li>Get the list of matches for the day from PicksAndPredictionsCalls</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>PicksAndPredictionsCalls.js</li> <li>DailyPick.jsx</li> </ul>

DailyPick.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Display the components in daily pick</li> <li>Display DailyPickResult if game is ongoing or ended and DailyPickChoose if game haven't started yet</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>DailyPickMatch.jsx</li> <li>DailyPickResult.jsx</li> <li>DailyPickChoose.jsx</li> </ul>

DailyPickMatch.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>Get the matchup from the PicksAndPredictionCalls</li> <li>Display the matchup</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>PicksAndPredictionsCalls.js</li> </ul>

DailyPickResult.jsx
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Responsibilities <ul style="list-style-type: none"> <li>• Get the result from the PicksAndPredictionsCalls</li> <li>• Display the result and ACS gained/loss</li> <li>• Update the result live from PicksAndPredictionCalls if match is ongoing</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• PicksAndPredictionsCalls.js</li> </ul>
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DailyPickChoose.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Checkbox to choose between the two teams</li> <li>• Send user input to PicksAndPredictionsCalls on match start</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• PicksAndPredictionsCalls.js</li> </ul>

PreseasonPicks.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the components for preseason picks during preseason</li> <li>• Sends user input to PicksAndPredictionsCalls to keep track of player picks</li> <li>• Get data from PicksAndPredictionsCalls to display NBA preseason data for picks</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• PicksAndPredictionsCalls.js</li> </ul>

PlayoffPicks.jsx	
Responsibilities <ul style="list-style-type: none"> <li>• Display the components for playoff during NBA playoff</li> <li>• Sends user input to PicksAndPredictionsCalls to keep track of player picks</li> </ul>	Collaborators <ul style="list-style-type: none"> <li>• PicksAndPredictionsCalls.js</li> <li>• PlayoffBracket.jsx</li> </ul>

PlayoffBracket.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the playoff bracket during NBA playoff</li> <li>• Sends user input to PicksAndPredictionsCalls to keep track of bracket picks</li> <li>• Get results of the playoff bracket form PicksAndPredictionsCalls</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• PicksAndPredictionsCalls.js</li> </ul>

## Nav Bar

TopNavBar.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the logo</li> <li>• Display the button to go back to the zone</li> <li>• Display the current user logged in</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• CurrentUser.jsx</li> </ul>

CurrentUser.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display the current user's name and picture</li> <li>• Display a dropdown menu when clicked</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• DropdownButton.jsx</li> </ul>

DropdownButton.jsx	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display button to redirect to profile page</li> <li>• Display button to log out</li> </ul>	<b>Collaborators</b>



# Software Architecture Diagram

