

Software Requirements Specification

(SRS) Document

UNCG Group Fitness

<https://github.com/TTQBqueen/UNCG-Fitness-Connnect-Project/tree/UNCG-main>

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Version 2

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1. Project General Description

The UNCG Group Fitness app is designed to enhance the fitness experience for UNCG students by allowing them to easily sign up for a variety of fitness classes led by qualified instructors. The app provides essential class information, including materials needed and schedules, helping students find options that align with their availability and comfort levels. Instructors have the ability to create, modify, and delete classes, while administrators can oversee content to ensure a safe environment for all users.

The motivation behind the app is to encourage students to improve their health and well-being by providing a personalized fitness experience. By allowing individuals to select classes based on their preferences, intensity, and instructor comfort, the app aims to promote a culture of wellness and support among the UNCG community. Ultimately, the UNCG Group Fitness app serves as a vital tool for fostering student engagement in physical fitness activities.

2. Product Features

Class Sign-Up: UNCG students can browse and register for fitness classes tailored to their preferences, helping them find options that align with their schedules and comfort levels.

Class Details: Each class includes a description and information on materials required and provided by the instructor, ensuring students are well-prepared.

Instructor Management: Instructors can create, modify, or delete classes, as well as schedule them at specific times. This flexibility allows for a diverse range of fitness options.

Administrative Oversight: Administrators can manage class content and communications, ensuring a safe and supportive environment for all users by flagging and removing inappropriate content.

Personalized Scheduling: The app addresses availability issues by allowing students to choose classes based on their schedules, desired intensity, and instructor comfort level.

3. Functional requirements:

- FR0: The app will allow UNCG students to create a profile.
- FR1: The app will allow UNCG students to modify their profiles.
- FR2: The app will allow UNCG students to view, search, and sign up for fitness classes.
- FR3: The app will allow UNCG students to write reviews on classes.
- FR4: The app will allow all instructors to create a profile.
- FR5: The app will allow all instructors to modify their profiles.
- FR6: The app will allow instructors to create and edit a fitness class.
- FR7: The app will allow the instructors to view the created fitness class.
- FR8: The app will allow the instructors to post replies and flag reviews.
- FR9: An administrator (SysAdmin) will be assigned to manage our app and keep it environmentally -friendly, safe, and inclusive.
- FR10: The app will allow the SysAdmin to view users profiles and information.
- FR11: The app will allow the SysAdmin to delete users if needed.
- FR12: The app will allow the SysAdmin to view services and remove inappropriate listings.
- FR13: The app will allow the SysAdmin to view and delete reviews.

4. Non-functional product requirements:

- NFR0: Ease of Use: The interface for creating and managing classes should be user-friendly, with clear steps for each action (create, edit, delete). A calendar view should help instructors see all their classes at a glance.
- NFR1:Notification System Add/Drop: Instructors should receive instant notifications when students register, cancel, or communicate about a class.
- NFR2: Notification System created: Instructors should receive instant notifications when a class is created
- NFR3: Ease of Student Use: The interface for students to sign up and view all pages will be user-friendly and concise, with clear understanding of each icon within the home page.
- NFR4: Instant Search Options: Students will be able to search for different options, sorting between instructors and classes.
- NFR5: Ratings for Students: Students will only be able to write reviews on completed classes. Students can read reviews before signing up for classes in order to gain more information about the class before signing up.
- NFR6: The SysAdmin will authenticate themselves by logging in with their username and password, but also making sure that they are being admitted into the app as an admin and not a user.
- NFR7: Notification System for SysAdmin: SysAdmin should be alerted if a new user, review, class, or flagged comment was created.
- NFR8: The SysAdmin will have a clear and concise board of data upon login and manage the activity that is happening within the app.

5. Scenarios:

a. *Student Use Cases - Natalie Hildreth*

I. **Create Student Profile:** This use case lets customers create or modify their “profile”. The customer may be allowed to add information about their needs/preferences.

o *Initial Assumption:*

- We are assuming that the individual signing up for the UNCG Group Fitness app is a student currently attending UNCG. We assume the student has a mobile phone or computer with access to the internet. The student is on the login page of the app.

o *Normal:*

- Upon clicking the option “Sign Up for Students” below the login screen, the student fills out required fields, including their name, username, UNCG email, and password. The student then saves their new information, and the app confirms the successful creation of the profile.

o *What Can Go Wrong:*

- If any fields are left blank, the profile will not be able to be created.
- Errors may arise if the information is entered incorrectly.
- Profile creation may fail if there are connectivity issues.

o *Other Activities:*

- The student will agree to the terms and conditions and agree that they are currently a student at UNCG.

o *System State on Completion:*

- The student's profile is successfully created and stored in the system. The student is now able to use the UNCG Group Fitness interface, such as viewing the home, search, classes, and profile page.

II. **Modify Student Profile:**

o *Initial Assumption:*

- The UNCG student is logged into the app with an existing profile, and clicks on the “profile” icon at the top of the page. The student is greeted by their profile page, then the student clicks the option “Modify Profile” to open the profile modification section.

o *Normal:*

- The student can update their username, name, bio, and profile picture. The student then clicks the “Save” option, and the app confirms the changes.

o *What Can Go Wrong:*

- Certain fields may not save due to illegal characters. The student will need to manually change these fields or discard changes in order to proceed.
- Connectivity issues or system errors could cause the changes to be lost.
- Other Activities:
 - Students can reset their password or view their past fitness classes they have signed up for.
- System State on Completion:
 - The student's profile will reflect all changes made accurately.

III. **View Available Classes:** This use case lets a student see a list of available fitness classes. It also lets the student see what other students have said in reviews of classes.

- Initial Assumption:
 - The student is logged in and on the UNCG Group Fitness app main page, or already on the additional classes page located on the UNCG Group Fitness homepage.
- Normal:
 - The student browses through the list of available classes, viewing descriptions, schedules, instructors, and required materials.
 - The student can read reviews and ratings from other participants.
- What Can Go Wrong:
 - Available or new classes listed may not load or update due to connectivity issues or server problems.
- Other Activities:
 - Students can write reviews upon completion of classes.
- System State on Completion:
 - Upon completion of the classes or home page loading, students will be able to see a list of available classes and know the exact required materials for each class, along with the instructor, time of the class, and intensity.

IV. **Search for Classes:** This use case lets a student search for specific classes according to certain criteria.

- Initial Assumption:
 - The student is logged in and on the UNCG Group Fitness app main page, or already on the more in-depth search page located on the UNCG Group Fitness homepage.
- Normal:
 - The student can click on the search bar on the home page, and type in a query. If the student is on the search page, they can also type in a subject, but also have access to

specific options for search filtering. A student is able to filter and sort different classes by difficulty.

- What Can Go Wrong:
 - Available or new class sorting filters may not load or update due to connectivity issues or server problems.
 - A student may accidentally press the search/enter button before they are finished writing in their search request. The student can click on the search bar again, and type in their desired result.
- Other Activities:
 - The student can clear search results and start a new search with different filters.
- System State on Completion:
 - Upon completion, the student is presented with a list of classes matching their search criteria, allowing them to make informed decisions about which classes to sign up for.

V. **Sign Up for Available Classes:** The customer can sign up for a service they choose. The service should be added to the customer's list of added services.

- Initial Assumption:
 - The student is logged in, and is viewing a list of available classes.
- Normal:
 - The student selects the desired class and signs up, adding it to their schedule.
 - The UNCG Group Fitness app will update the class onto the students profile.
- What Can Go Wrong:
 - Subscriptions may fail if the class is fully booked or if there are connectivity or server issues.
 - Scheduling conflicts could arise if the student is already booked for another class at the same time.
- Other Activities:
 - The student can cancel their signup for a class at any point.
 - The student can enable notifications for the class.
- System State on Completion:
 - The class is successfully booked, reflected in the student's profile page, and sent a reminder through the app if notifications are from the class.

VI. **Write a Review:** This use case should not be initiated until the student has finished a class that they attended. The student may then write a review that future students may see.

- Initial Assumption:

- The student is logged in, viewing a list of available classes, and has chosen a class that fits their preferences. The student has attended a class and is logged into the app. The class is marked as “completed” in the student’s schedule, and the review feature is enabled. The student has access to the internet and is on the class details page or review section.

- Normal:

- The student navigates to the class details page and selects the “Write a Review” option.
- The student rates the class out of 5 stars and may choose to add additional text. They may comment on their experience, providing feedback on the instructor, class intensity, and overall satisfaction.
- The student submits the review, and it is immediately posted, becoming visible to other students browsing the class.
- If the review is flagged as inappropriate, it will be held for administrator moderation.

- What Can Go Wrong:

- The review submission might fail due to internet connectivity issues or app/server errors.
- The student might accidentally submit the review under the wrong class or unintentionally write incorrect information.
- Reviews containing inappropriate language or offensive content could be flagged, requiring admin approval before posting.
- The application may crash and fail to save the review, causing the student to lose their written feedback.

- Other Activities:

- The student can edit or delete their review if they wish to change their feedback after submission.
- The student can view responses from the instructor or other students to their review.
- The student can reply to other reviews written by students.

- System State on Completion:

- The review is successfully posted under the attended class, and the instructor receives feedback.

b. Provider Use Cases: - Trinity Boler

VII. **Create/modify/withdraw provider profile:** Allow fitness Instructors to create, modify, or withdraw their profile.

- Initial Assumption: The provider has successfully registered on the UNCG fitness app and has access to their account.

- Normal:

- **Create Profile:**

- Provider logs into their account.
- Navigate to the "Profile" section.
- Enters personal details (name, qualifications, services offered).
- Input contact information (name, username, email).
- Saves the profile.
- A confirmation message is displayed.

- **Modify Profile:**

- Provider logs into their account.
- Navigate to the "Profile" section.
- Edits desired fields (e.g., services offered, availability).
- Updates contact information if necessary.
- Saves the updated profile.
- A confirmation message is displayed.

- **Withdraw Profile:**

- Provider logs into their account.
- Navigate to the "Profile" section.
- Selects the option to withdraw their profile.
- Confirms withdrawal (optional feedback may be requested).
- The profile is removed from the system.
- A confirmation message is displayed.

- What Can Go Wrong:

- **Account Issues:** Provider forgets login credentials, preventing access.
- **Validation Errors:** Missing required fields during profile creation or modification. Invalid contact information (e.g., incorrect format).
- **System Errors:** Technical glitches during profile saving (e.g., server timeout).
- **Withdrawal:** Provider accidentally withdraws their profile and needs to restore it.

- Other Activities:

- **FAQ:** Offer tutorials or FAQs on how to create/modify/withdraw profiles effectively.
- **Customer Feedback:** Enable customers to leave feedback on provider profiles.

- **Profile Review:** Allow providers to review their profiles before saving changes.
- System State on Completion:
 - **Profile Creation:** The system stores the new provider profile with all entered information.
 - **Profile Modification:** The system updates the provider's profile with new data.
 - **Profile Withdrawal:** The system removes the provider's profile from public view and marks it as withdrawn in the database.
- II. **Create services:** This use-case lets a provider create a new entry to their list of available services.
 - Initial Assumption: The provider is logged into their account on the UNCG fitness app.
 - Normal:
 - **Access Services Section:** Provider navigates to the "Services" section of their profile.
 - **Add New Service:** Provider selects the option to create a new service.
 - **Enters required details:**
 - Service name (e.g., Yoga, Personal Training).
 - Description of the service.
 - Duration (e.g., 30 minutes, 1 hour).
 - Pricing (if applicable).
 - Availability (days and times offered).
 - **Save Service:**
 - Provider reviews the entered information.
 - Confirms and saves the new service entry.
 - A confirmation message is displayed.
 - What Can Go Wrong:
 - **Validation Errors:**
 - Missing required fields (e.g., service name or description).
 - Invalid pricing format (e.g., negative numbers).
 - **Duplicate Entries:**
 - Attempting to create a service with a name that already exists in their profile.
 - **System Errors:**
 - Technical issues preventing the service from being saved (e.g., server errors).
 - Other Activities:
 - **Management:** Allow providers to edit or delete existing services.
 - **Categorization:** Enable providers to categorize services (e.g., group classes, one-on-one training).

- **Feedback:** Allow customers to leave reviews for each service offered.
- System State on Completion:
 - The new service entry is successfully added to the provider's list of available services.
 - The system reflects the updated service list in the provider's profile, making it visible to customers.

III. **View customer statistics:** This use case lets a provider see statistics about their services or customer base.

- Initial Assumption: The provider is logged into their account on the UNCG fitness app and has appropriate permissions to view statistics.
- Normal:
 - **Access Statistics Section:** Provider navigates to the view classes section.
 - **Select Metrics:** Provider is shown the Total number of customers subscribed.
- What Can Go Wrong:
 - **Data Loading Issues:** Statistics take too long to load due to high traffic or technical issues.
 - **Insufficient Data:** No statistics are available if the provider is new and has not yet gotten customers.
 - **Incorrect Statistics:** Data may be inaccurately displayed due to a bug or data retrieval errors.
 - **Access Denied:** The provider may not have the necessary permissions to view certain statistics.
- Other Activities:
 - **Export Data:** Allow providers to download statistics as reports (CSV, PDF).
 - **Set Goals:** Enable providers to set performance goals and track progress against them.
 - **Receive Notifications:** Provide alerts or notifications for significant changes in statistics (e.g., sudden drop in attendance).
- System State on Completion:
 - The provider successfully views the selected statistics.
 - The system accurately displays updated data reflecting the provider's customer interactions and service performance.

IV. **Reply to review:** This use case lets a provider see all of their reviews, and if desired, write a reply to the review (e.g. thanking the customer or explaining any problems noted by a reviewer).

- Initial Assumption: The provider is logged into their account on the UNCG fitness app and has received reviews from customers.
- Normal:

- **Access Reviews Section:** Provider navigates to the "Reviews" or "Feedback" section of their dashboard.
- **View Reviews:** The system displays a list of all customer reviews, including ratings and comments.
- **Select Review to Respond:** Provider selects a specific review they wish to reply to.
- **Compose Reply:** Provider writes a response (e.g., thanking the customer, addressing concerns, or clarifying issues mentioned). Optionally, the provider can edit or format their reply for clarity.
- **Submit Reply:** Provider submits the reply. A confirmation message is displayed, indicating the reply has been successfully posted.
- What Can Go Wrong:
 - **Reply Submission Issues:** Technical errors may prevent the reply from being submitted (e.g., server issues).
 - **Character Limit:** The reply may exceed a predetermined character limit, requiring truncation or editing.
 - **Inappropriate Content:** The provider may inadvertently include inappropriate language, leading to rejection of the reply.
 - **Access Issues:** The provider may not see all reviews due to filtering issues or lack of permissions.
- Other Activities:
 - **Flag Inappropriate Reviews:** Allow providers to report reviews that are inappropriate or violate guidelines.
 - **Respond to Multiple Reviews:** Enable bulk actions for responding to multiple reviews at once, if applicable.
 - **Analytics on Reviews:** Provide insights or statistics on review trends (e.g., average rating over time).
- System State on Completion:
 - The provider's reply is successfully added to the specific review.
 - The system updates the review section to reflect the new response, ensuring it is visible to customers.

c. *Admin Use Cases - Jennifer Galicia-Torres:*

V. **Manage user access:** This use case lets an Admin manage customer's and providers' access to the system. For example, at the admin's discretion, they may ban a customer from using the system for writing unacceptable reviews or ban a provider from the system based upon customer reviews.

o *Initial Assumption:*

- We are assuming that the Admin is an individual that has access to our UNCG Group Fitness App System. The Admin will login and enter their credentials. As they are prompted to login, they will insert both the username and password.

o *Normal:*

- If both the username and password were successful, then the login was successful. Once it was verified that the login was successful, they will be prompted to the Admin Home Page.
- Once they are able to login into the Admin Page, they will be able to have controls such as the User Page.
- Once in the User Page, this will display the classes that the instructors have posted (which will also display other pivotal information as to when it was posted, when the class is occurring, where is the event taking place)
- If the Admin were to click on a specific user, this will initially display the users main information as (name, username, password, UNCG email, classes they have signed up for)
- The Admin will also be granted access to being able to delete users. If a user were to be deleted, this would mean that all of their individual data will be entirely erased from the system.

o *What Can Go Wrong:* The Admin inserted something incorrectly either for the username or for the password. Meaning, that it will return that the login entry was unsuccessful. For every time there was an unsuccessful login, it will return back to the beginning of the Admin Home Page.

- Another instance that something could go wrong would be that the Admin forgot their login information entirely, or either the username or password.
- An individual who is not a Admin is able to get admitted into the Admin Home Page and System.
- If a user's account were to be deleted, perhaps the entire information and data about this user does not entirely delete.

o *Other Activities:*

- Should have access to see which users have access into the Admin Page/ see which users only have access to the general UNCG fitness mobile app.
- System State on Completion: Upon completion, the Home Page will appear but it will display as the admin Home page. Once granted the home page, the Admin will be able to enter the Admin Page and control various tasks.

VI. **Moderate reviews:** This use case lets an admin view all reviews and replies and delete any from the system that are unacceptable.

- Initial Assumption: We can assume that the Admin will want to have access to the review page.
 - As the Admin clicks on the review page, they will also be able to see key details on who wrote the review that they are currently reviewing.
- Normal:
 - The review page will be able to display the user's name, the rating of the class that is based out of 5 stars, any additional text that they may have wanted to add, any comments that they left based on their experience, any feedback that they maybe have left for the instructor, the class intensity, and the overall users satisfaction.
 - The SysAdmin should also be able to view if a specific review was flagged in the process of it being posted in the reviews page. If a specific review were to be flagged, the SysAdmin should have the ability to take a look at it, determine if it was inappropriate, and be able to take it down if it was inappropriate or allow the review to be posted upon verification.
- What Can Go Wrong:
 - One thing that could go wrong for the review page would be that a review does contain inappropriate content, but it was not able to have been flagged or revised by the SysAdmin.
- Other Activities:
 - SysAdmin should be able check out the reviews, whether they maye be new or old, they should be able to have this access.
 - The SysAdmin should also be able to reply to the reviews, whether that may be offering gratitude to the user or responding with a call to action to create change for better service next time.
- System State on Completion: Once the reviews have been examined for if they were flagged, then they can now be verified and allowed to be posted on our UNCG Fitness app.

- VII. **Moderate Reports:** This use case lets an admin see how the system is being used.
- Initial Assumption: We can assume that the Admin will want to access to the Reports
 - As the Admin click on the reports, they will be able to see all of the reports .
 - Normal: Assuming that everything is working on the Admins end, the admin will be able to see the entire display for Reports.
 - What Can Go Wrong:
 - One thing that could go wrong for the reports page would be that the reports do not display correctly
 - Other Activities:
 - Admin will also be click on view which will display a more detailed view of what the report entails such as displaying the: ID, Type, Reason, Status, Created At, and Updated At
 - Admin will also be able to delete a report if needed. Once deleted it will redirect to all of the reports
 - Admin will also be able to create a report if needed. Once added, it will appear along with the rest of the reports.
 - System State on Completion: Once the Admin has access to the reports, the Admin will be able to manage it to their liking.

6. Scenarios With Screenshots:

Student Use Cases - Natalie Hildreth

Student: Creates a profile use case:

1. Student S1 clicks “Signup.”
2. Student S1 creates an account and is redirected to the login page.
3. Student S1 logs in for the first time, and views the student home page.

The screenshot shows the Spartan Motion website's login interface. At the top, there is a dark blue header with the text "Spartan Motion". Below the header is a light gray login form with fields for "Username" and "Password", and a "Login" button. To the right of the form, there are links for "Forgot password?" and "Need to Signup?". At the bottom of the page, there is a dark footer section containing links for "About Us", "Quick Links", "Contact Us", and "Follow Us".

The screenshot shows the Spartan Motion website's sign-up interface. At the top, there is a dark blue header with the text "Spartan Motion". Below the header is a light gray sign-up form with fields for "First Name", "Last Name", "Email", "Username", "Password", "Role" (set to "Student"), and "Profile Picture". There is also a checkbox for agreeing to terms and conditions. At the bottom of the form, there are "Sign Up" and "Cancel" buttons. To the right of the form, there are links for "Forgot password?" and "Need to Signup?".

The screenshot shows the Spartan Motion website's home page. At the top, there is a dark blue header with the text "Spartan Motion" and navigation links for "Home", "Sign Out", and "Classes". On the left, there is a sidebar with links for "Home", "About", "Contact", and "Privacy Policy". The main content area features a "Motivational Quote" ("Success is stumbling from failure to failure with no loss of enthusiasm.") with a "Get Another Quote" link. Below the quote is a "Welcome to Spartan Motion" message, a brief description of the platform, and a "Sign up" link. At the bottom of the page, there are four small images showing people in a gym or fitness setting.

Student: Modify student profile use case:

1. Logged in Student S1 is viewing all classes.
2. Student S1 selects “Profile” and is redirected to a profile page.
3. Student S1 updates the selected information, and the page refreshes.

The figure consists of three vertically stacked screenshots of a web application interface. All three screenshots have a dark blue header bar at the top with a 'Home' button on the left. The middle two screenshots have a light gray footer bar at the bottom with a 'Cancel' button on the left and a 'Update User' button on the right.

Screenshot 1 (Top): User Profile Form

This screenshot shows the 'User Profile' form. It contains fields for First Name (Johnny), Last Name (Doe), Email (jdoe@uncg.edu), Username (jdoe), and Password (redacted). Below these fields are dropdown menus for 'Role' (set to 'Student') and 'Terms & Privacy' (checkbox checked). A red 'Cancel' button is on the left, and a blue 'Update User' button is on the right.

Screenshot 2 (Middle): Updated User Profile Form

This screenshot shows the same 'User Profile' form after update. The First Name has been changed to 'John'. The rest of the fields (Last Name, Email, Username, Password, Role, and Terms & Privacy) remain the same. The red 'Cancel' button is on the left, and the blue 'Update User' button is on the right.

Screenshot 3 (Bottom): Login Screen

This screenshot shows a login overlay window titled 'Login'. It displays the message 'You have been logged out.' Below this are 'Username' and 'Password' input fields, both containing placeholder text ('Enter username' and 'Enter Password'). A blue 'Login' button is at the bottom right of the input area. To the right of the input area, there are links for 'Forgot password?' and 'Need to Signup?'. At the bottom left of the overlay is a red 'Cancel' button. The background of the overlay is light gray, while the input area is white.

Student: Views classes use case:

1. Logged in Student S1 views all available classes.

Spartan Motion

Welcome to Spartan Motion!

Here you can view and create classes for UNCG students.
Click on the "Classes" tab to view all the classes available for students to sign up for.
Click on the "Create" tab to create a new class.

Newly Added UNCG Group Fitness Classes



Beginner Yoga
Date: 2024-11-09
Time: 09:00-10:30
Level: Beginner
Instructor: Alice Smith

[View More](#) [Sign Up](#)



Advanced Boxing
Date: 2024-11-14
Time: 18:00-20:00
Level: Advanced
Instructor: John Doe

[View More](#) [Sign Up](#)



Intermediate Pilates
Date: 2024-11-19
Time: 17:30-18:30
Level: Intermediate
Instructor: Lisa Johnson

[View More](#) [Sign Up](#)



Beginner Dance
Date: 2024-11-21
Time: 10:00-11:30
Level: Beginner
Instructor: Emily White

[View More](#) [Sign Up](#)

Student: Search for classes use case:

1. Logged in Student S1 is viewing all available classes.
2. Student S1 navigates to the “Search” bar at the top, and searches for classes with “Beginner” difficulty.

Spartan Motion

Welcome to Spartan Motion!

Here you can view and create classes for UNCG students.
Click on the "Classes" tab to view all the classes available for students to sign up for.
Click on the "Create" tab to create a new class.

Newly Added UNCG Group Fitness Classes



Beginner Yoga
Date: 2024-11-09
Time: 09:00-10:30
Level: Beginner
Instructor: Alice Smith

[View More](#) [Sign Up](#)



Beginner Dance
Date: 2024-11-21
Time: 10:00-11:30
Level: Beginner
Instructor: Emily White

[View More](#) [Sign Up](#)

Student: Sign Up for Available Classes use case:

1. Logged in Student S1 is viewing all available classes.
2. Student S1 clicks “Sign Up” on a chosen class and is redirected to their subscriptions page.

The screenshot shows two pages of the Spartan Motion website.

Top Page (Home):

- Header: Spartan Motion
- Navigation: Profile, Sign Out, Search bar (placeholder: Search..., dropdown: Beginner, Search button)
- Section: Welcome to Spartan Motion!
 - Text: Here you can view and create classes for UNCG students.
 - Text: Click on the "Classes" tab to view all the classes available for students to sign up for.
 - Text: Click on the "Create" tab to create a new class.
- Section: Newly Added UNCG Group Fitness Classes
 - Beginner Yoga**: Date: 2024-11-09, Time: 09:00-10:30, Level: Beginner, Instructor: Alice Smith. Includes thumbnail image and buttons for View More and Sign Up.
 - Advanced Boxing**: Date: 2024-11-14, Time: 18:00-20:00, Level: Advanced, Instructor: John Doe. Includes thumbnail image and buttons for View More and Sign Up.
 - Intermediate Pilates**: Date: 2024-11-19, Time: 17:30-19:30, Level: Intermediate, Instructor: Lisa Johnson. Includes thumbnail image and buttons for View More and Sign Up.
 - Beginner Dance**: Date: 2024-11-21, Time: 10:00-11:30, Level: Beginner, Instructor: Emily White. Includes thumbnail image and buttons for View More and Sign Up.

Bottom Page (My Subscriptions):

- Header: Profile, Home, Logout
- Section: My Subscriptions

Class Name	Instructor	Date	Time	Description	Actions
Beginner Yoga	Alice Smith	2024-11-09	09:00 AM - 10:30 AM	A gentle introduction to basic yoga poses.	<button>Remove</button>
Advanced Boxing	John Doe	2024-11-14	06:00 PM - 08:00 PM	An intense session for experienced boxers.	<button>Remove</button>
Intermediate Pilates	Lisa Johnson	2024-11-19	05:30 PM - 06:30 PM	Strengthen your core with an intermediate-level Pilates session.	<button>Remove</button>
Beginner Dance	Emily White	2024-11-21	10:00 AM - 11:30 AM	Learn the basics of dance in a fun and relaxed environment.	<button>Remove</button>

Student: Write a review use case:

1. Logged in Student S1 is viewing all available classes.
2. Student S1 clicks “View More” on a chosen class.
3. Student S1 is redirected to a view class page, where they can see reviews for a chosen class.
4. Student S1 writes a review, submits, and is able to view their posted review.

Beginner Yoga



A gentle introduction to basic yoga poses.

Instructor Name : Alice Smith

Duration : 0

Level : Beginner

Date : 2024-11-09

Time : 09:00-10:30

Status : Available

People Signed Up: 10

Reviews

★★★★★ ☆
jdoe
Review: Test

Rating 5

Best Class Ever!

Submit

★★★★★ ☆☆

jdoe

Review: Best Class Ever!

Provider Use Cases: - Trinity Boler

Instructor Create/modify provider profile:

1. Instructor N1 logs in the first time and creates a profile. N1 modifies profile N1 exits.

The image shows a 'Sign Up' form with the following fields:

- First Name: [Input field]
- Last Name: [Input field]
- Email: [Input field]
- Username: [Input field]
- Password: [Input field]
- Role: A dropdown menu set to 'Instructor'.
- Profile Picture: [Input field]
- Check Me: [Check box] (unchecked)
- By clicking Sign Up, you agree to our [Terms & Privacy](#): [Text]
- Action buttons: 'Sign Up' (blue background) and 'Cancel' (red background).

The image shows a 'User Profile' page with the following information:

- User Name: [Input field] (filled with 'jason')
- First Name: [Input field] (filled with 'jason')
- Last Name: [Input field] (filled with 'Boler')
- Email: [Input field] (filled with 'jason@boler.com')
- Home URL: [Input field] (filled with 'http://jason.boler.com')
- bio: [Input field] (filled with 'jason bio')
- bio url: [Input field] (filled with 'http://jason.boler.com/bio')
- bio content: [Text area] (filled with 'jason bio content')
- Role: [Input field] (set to 'Instructor')
- Check Me: [Check box] (unchecked)
- By clicking the button you agree to our [Terms & Privacy](#): [Text]
- Action buttons: 'Save Bio' (blue background) and 'Cancel' (red background).

Instructor Create/modify services:

2. Instructor N1 logs in the create service with values for criteria C1, C2, C3 ... (C1=V1, C2=V2, C3=V3). N1 exits.
3. N1 modifies service N1 exits.

Create a New Class

Instructor Name:

Title:

Details:

Date:

Start Time:

End Time:

Duration (minutes):

Level:

Status:

Image Path:

I Accept terms and Conditions

Create Class

Instructor View services:

4. Instructor N1 logs in View Created services N1 modifies service N1 exits.

Spartan Motion

Welcome to Spartan Motion!

Here you can view and create classes for UNCG students.
Click on the "Classes" tab to view all the classes available for students to sign up for.
Click on the "Create" tab to create a new class.

Newly Added UNCG Group Fitness Classes



Evening
Date: 2024-12-13
Time: 18:00-19:30
Level: Advanced
Instructor: Jabrielle Boler

[View More](#)



Strength Builder
Date: 2024-12-14
Time: 18:00-20:30
Level: Advanced
Instructor: Jabrielle Boler

[View More](#)



test
Date: 2024-12-19
Time: 08:10-09:10
Level: Beginner
Instructor: Jabrielle Boler

[View More](#)

Instructor Views Customer Reviews/ Replies/Sataicts:

5. Instructor N1 logs in and reads their reviews and replies with thanks to each. P1 modifies his profile. P1 can view subscriptions. P1 exits.

Strength Builder



Advanced Strength Training for building muscle.

Instructor Name : Jibrielle Boler

Duration : 90

Level : Advanced

Date : 2024-12-14

Time : 19:00-20:30

Status : Open

People Signed Up: 10

Reviews

★★★★★ ★★

TBQueen

Review: Challenging but effective workout.

Flag

Instructor: Happy to hear!

Write your reply here...

Submit Reply

★★★★★ ★★

MooMan

Review: Loved the guidance and tips during strength training.

Flag

Write your reply here...

Submit Reply

[Modify](#)

[Delete](#)

Admin Use Cases - Jennifer Galicia-Torres

1. Admin logs in and will be able to see all users displayed. Admin can view a specific user.

The figure consists of three vertically stacked screenshots of a web application interface.

Screenshot 1: Login Page

This screenshot shows the login form with the title "Login". It has fields for "Username" (containing "Admin") and "Password" (containing "....."). Below the password field is a blue "Login" button. At the bottom left is a red "Cancel" button, and at the bottom right are links for "Forgot password?" and "Need to Signup?".

Screenshot 2: Spartan Motion Home Page

This screenshot shows the main landing page with a dark blue header containing "Spartan Motion", "Profile", "Logout", "Search...", and "Search" buttons. A sidebar on the left has "Home" and "Classes" buttons. The main content area displays a welcome message: "Welcome to Spartan Motion, Admin!" followed by "Train like a Spartan today!". Below this, a note says "We appreciate each and every one of our hard working Spartan Students!".

Screenshot 3: User Management Page

This screenshot shows a table titled "Users" listing five users:

ID	Name	Email	Username	Password	Join Date	Role	Flag
303	Sara Smith	sarasmith.user@example.com	sarasmith	sarasmith		ADMIN	false
304	Brian Lee	brianlee.user@example.com	brianlee	blue		STUDENT	false
305	Emily Clark	emilyclark@uncg.edu	emilyclark	clark		INSTRUCTOR	false
306	David Miller	davidmiller.user@example.com	davidmiller	davidmiller		INSTRUCTOR	false
402	Jane Doe	janedoe@example.com	janathandoe	janejane3		STUDENT	true

Screenshot 4: User Details Page

This screenshot shows the details for a user named "John Doe". The sidebar on the left includes "Home", "Classes", "About", "Contact", and "Privacy Policy" buttons. The main content area shows "User Details" for "John Doe" (Role: STUDENT), with email "jdoe@uncg.edu", username "jdoe", and role "STUDENT". It also lists "User's Subscriptions:" and a "Delete User" button.

2. Admin can view all of the reports, would be able to view, update, delete, and add a report.

Report ID: 52

Type: bad comment

Reason: There was a really bad comment in this post

Status: null

[View](#) [Update](#) [Delete](#)

Report ID: 102

Type: Bad comment

Reason: This had a bad word

Status: null

[View](#) [Update](#) [Delete](#)

Add New Report

Click below to create a new report.

[Add Report](#)

[Home](#)

[Reports](#)

Report Details

ID: 152

Type: Bad Comment

Reason: This was bad

Status:

Created At: 2024-12-12 08:13:09

Updated At:

[Back to List](#)

[Home](#)

[Reports](#)

Report Details

ID: 152

Type: Bad Comment

Reason: This was bad

Status: Resolved

Created At: 2024-12-12 08:13:09

Updated At: 2024-12-12 10:44:42

[Back to List](#)

Update Report Status

Status:

[Cancel](#) [Pending](#)

[Resolved](#)

[Rejected](#)

Create New Report

ID:

Report Type:

Reason:

[Submit](#)

[Cancel](#)

- Admin can view all the reviews, would be able to view, delete, and update reviews.

Review List

Review ID: 1

Class ID: com.UNCG_Fitness.UNCG_Fitness_Connect.fitnessClass.Class@d1972c8

User ID: 1

Rating: 1

Details: a very good review

Status: Approved

[Update](#) [Delete](#)

Review ID: 5

Class ID: com.UNCG_Fitness.UNCG_Fitness_Connect.fitnessClass.Class@28acdd15

User ID: 2

Rating: 1

Details:

Status: accepted

[Update](#) [Delete](#)

Update Review Status

[Profile](#) [Logout](#)

[Home](#)

[Reviews](#)

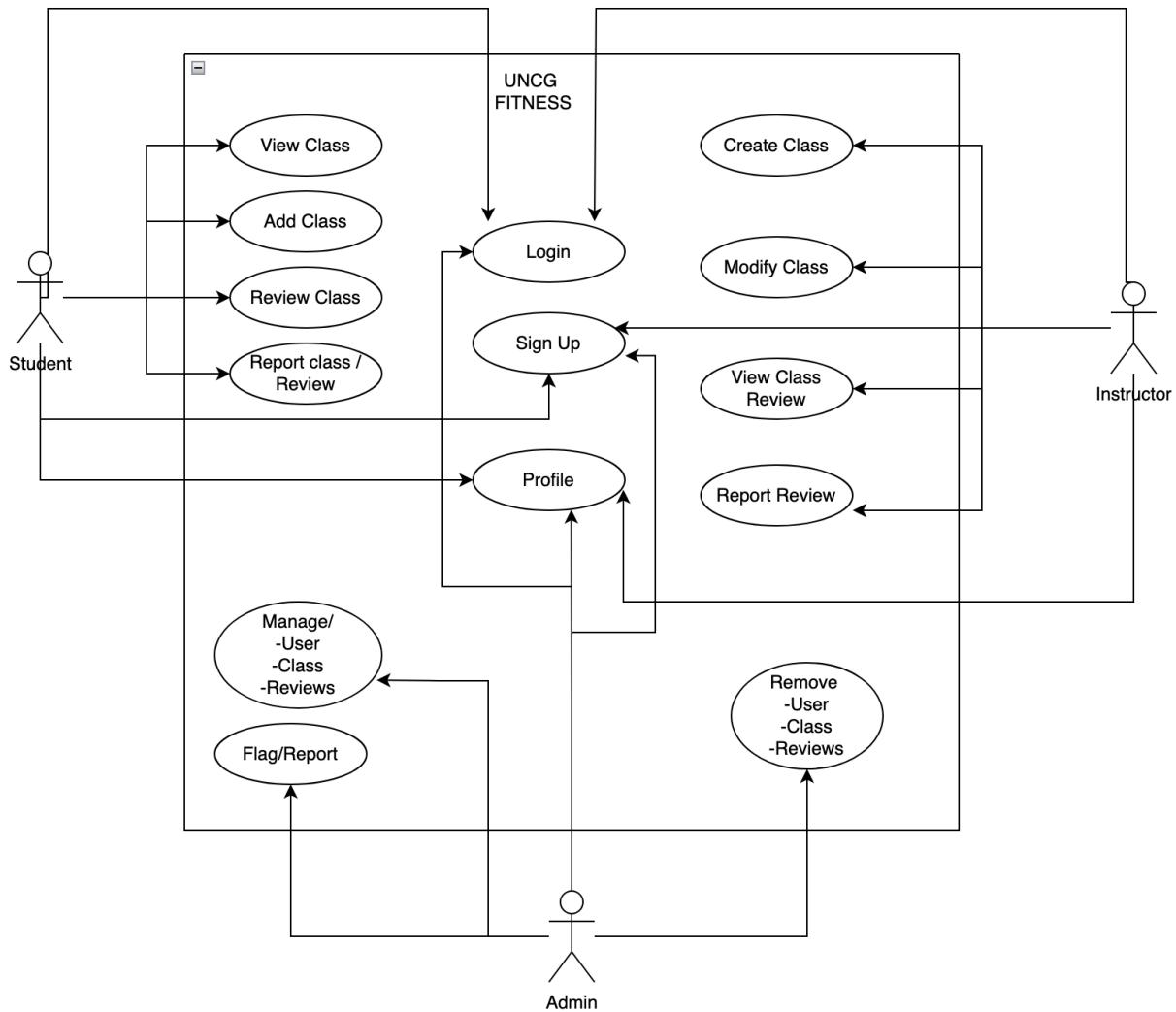
Review ID: 1

Current Status: Approved

New Status: Pending ✓
[Update](#) [Cancel](#) [Pending](#) [Approved](#) [Rejected](#)

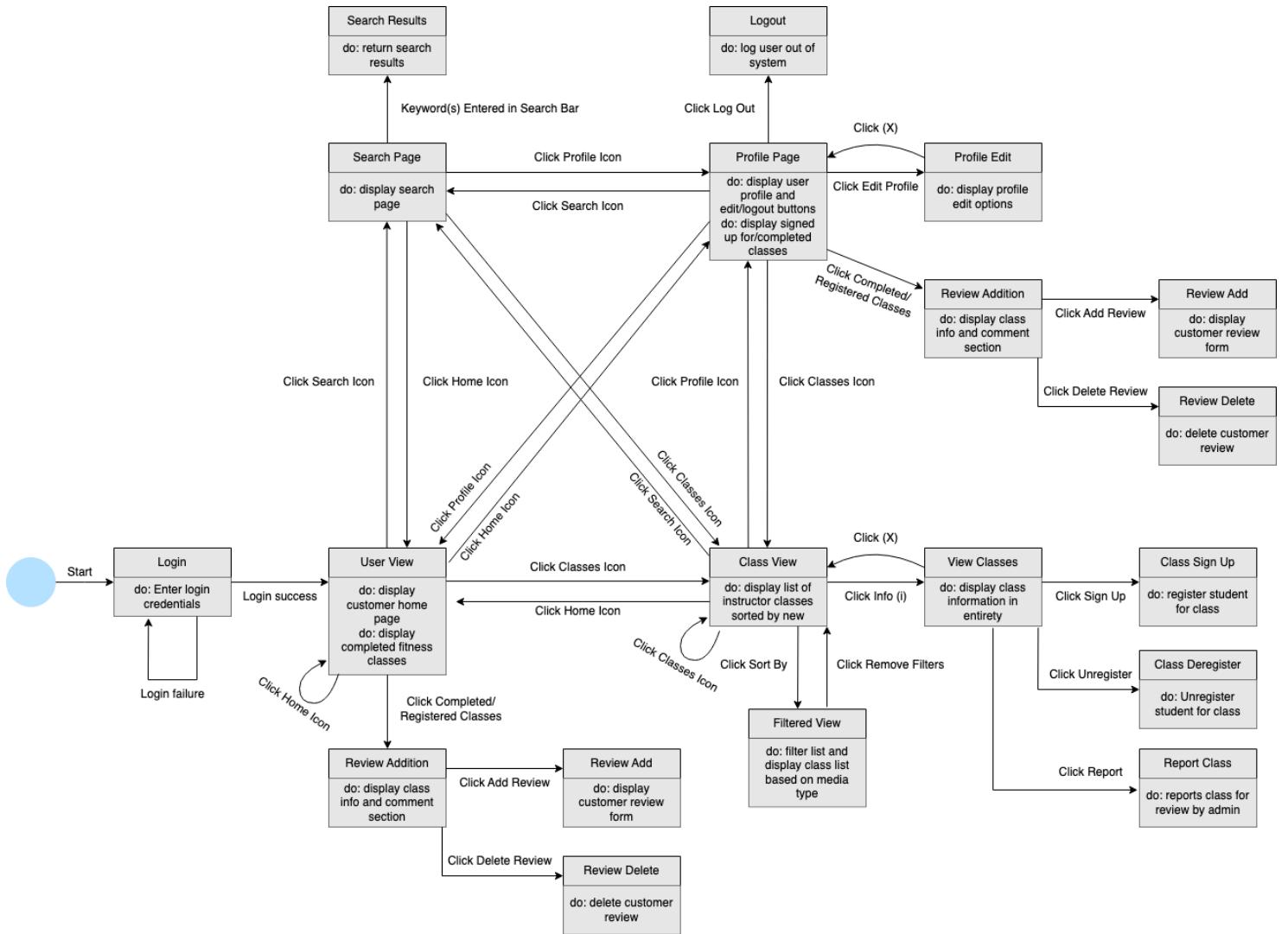
7. Design Document

1. Use-Case Model

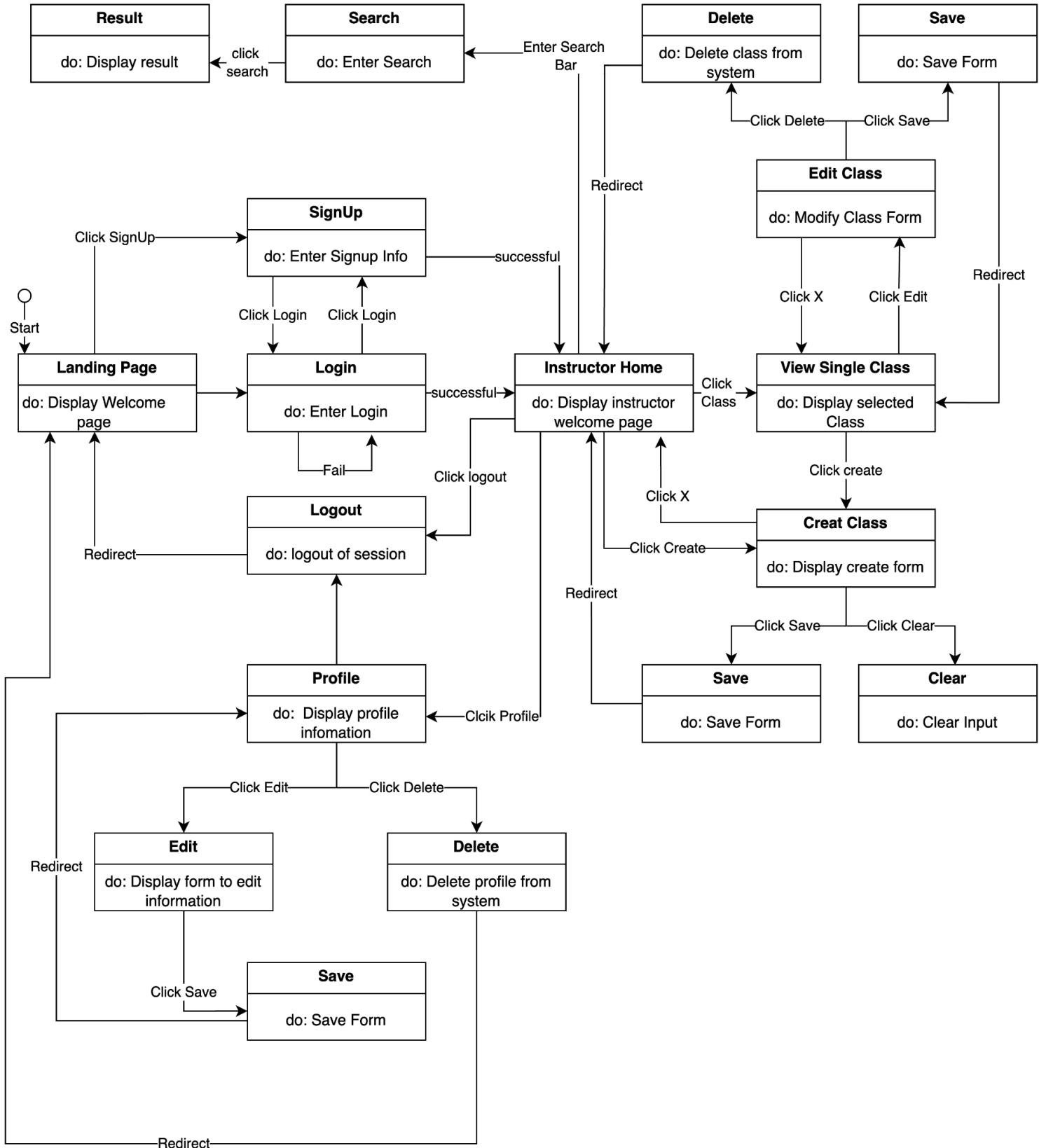


2. State Machine Diagrams:

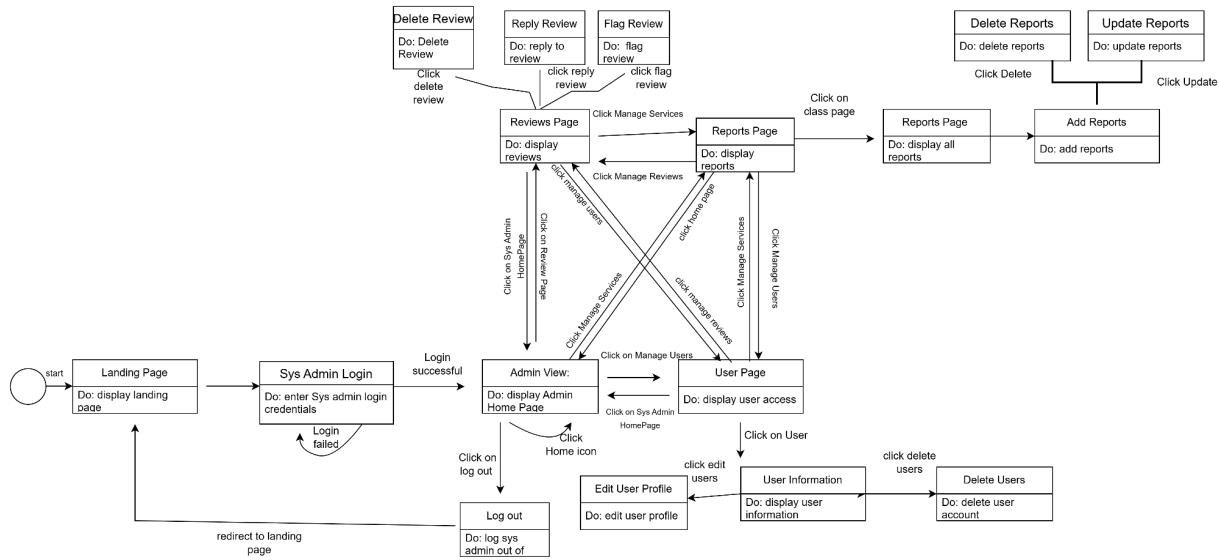
a) Student - Natalie Hildreth



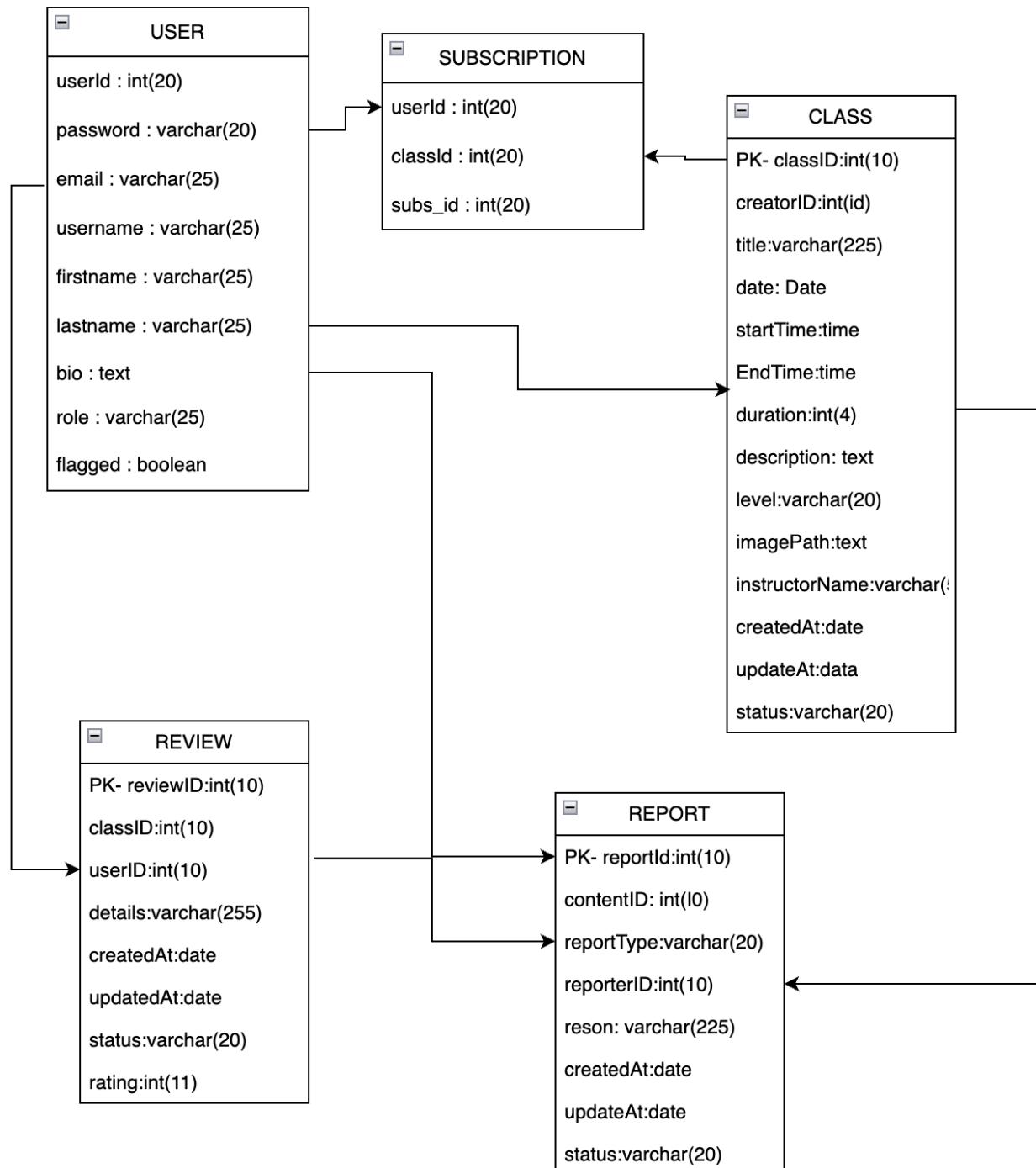
b) Instructor - Trinity Boler



c) Admin - Jennifer Galicia-Torres



3. Database Schema



4. Software Architecture - MVC (example)

