



**NORTH SOUTH UNIVERSITY**  
Department of Electrical and Computer Engineering (ECE)

**User Story Template**

**Course:** CSE327 (Software Engineering)

**Section:** 5

**Group:** 3

**Project Topic:** Fitness Center Management System

**Submitted To:**

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## User Story Template: 01

<b>Title:</b> View and search all the available gyms	<b>Priority:</b> High	<b>Estimate:</b> 2 Days, 2 Persons
<p><b>As a</b> <i>regular or normal user</i></p> <p><b>I want to</b> view and search all the available gyms in an area</p> <p><b>so that I can</b> get an idea about my nearest gym and buy membership at my convenience</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>my current location, my personal details and preferred time slots</i></p> <p><b>When</b> I will press the submit button</p> <p><b>Then</b> the system will respond and show me the available gyms, their available time slots, their location and expenses</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template: 02

<b>Title: Performing user registration and signup</b>	<b>Priority: High</b>	<b>Estimate: 3 Days, 2 Persons</b>
<p><b>As a</b> <i>regular or normal user</i></p> <p><b>I want to</b> complete my registration to the system</p> <p><b>so that I can</b> access different service provided by the system</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>basic information about myself such as name, NID, phone number, email, password etc</i></p> <p><b>When</b> I recheck all the information, I'll press the submit button</p> <p><b>Then</b> I will get a confirmation code through mobile or email which was given to the system by me.</p>		
<p>Platform: Cross-platform web app.</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template: 03

<b>Title: Buy Membership Package</b>	<b>Priority: High</b>	<b>Estimate: 2 Days, 1 Persons</b>
<p><b>As a</b> <i>regular or premium member</i></p> <p><b>I want to</b> buy a membership package from the gym</p> <p><b>so that I can</b> get all the services that are available by the gym authority</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>my personal details, preferences, services I want to get and preferred time slots</i></p> <p><b>When</b> I will check the given details and press the submit button</p> <p><b>Then</b> the system will show my purchase is successful, membership number, validity of membership and other details</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template : 04

<b>Title: Buy Equipment / Product</b>	<b>Priority: High</b>	<b>Estimate: 2 Days, 2 Persons</b>
<p><b>As a</b> <i>gym member or random visitor</i></p> <p><b>I want to</b> buy gym product or equipment</p> <p><b>so that I can</b> workout at my convenience and having gym equipment at home allows to personalize workout plans according to my needs</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>the products name and details according to needs</i></p> <p><b>When</b> I confirmed the product by pressing the purchase button and updated payment details</p> <p><b>Then</b> the system will show my purchased product, payment information and delivery details</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template: 05

<b>Title: Set own workout planning</b>	<b>Priority: High</b>	<b>Estimate: 3 Days, 1 Person</b>
<p><b>As a</b> <i>gym member</i></p> <p><b>I want to</b> set own workout planning</p> <p><b>so that I can</b> create my workout plans which allows to tailor my fitness routine to my preferences and needs</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>my working schedules, preferred gym time slots and workout planning</i></p> <p><b>When</b> I submit the required details perfectly</p> <p><b>Then</b> the system will respond me by showing my workout planning</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template: 06

<b>Title: Assigning trainer personally</b>	<b>Priority: High</b>	<b>Estimate: 3 Days, 2 Persons</b>
<p><b>As a</b> premium <i>gym member</i></p> <p><b>I want to</b> assign a trainer personally</p> <p><b>so that I can</b> have a personal gym trainer for my fitness plan and to feel accountable for my progress and efforts in the fitness journey</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>my personal information, fitness goals, availability, budget, motivation, communication preferences</i></p> <p><b>When</b> i select the trainer from the system</p> <p><b>Then</b> the system assigns my preferred trainer, show his/her details and sent a confirmation text or mail</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		

## User Story Template: 07

<b>Title:</b> Update user's full account	<b>Priority:</b> High	<b>Estimate:</b> 1 Day, 1 Person
<p><b>As a</b> regular or premium <i>gym member</i></p> <p><b>I want to</b> update my full account</p> <p><b>so that I can</b> access new features and services that are available on the platform, to keep my information current and accurate.</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>account login credentials, valid and up-to-date personal or business information, proof of identification and additional supporting documents</i></p> <p><b>When</b> submit all the given information correctly</p> <p><b>Then</b> the system will update my account and show the updated details</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter</p>		



## User Story Template: 08

<b>Title: Managing whole system (Admin)</b>	<b>Priority: High</b>	<b>Estimate: 3 Days, 2 Persons</b>
<p><b>As a</b> gym owner</p> <p><b>I want to</b> manage the whole system</p> <p><b>so that I can</b> ensure that everything is running smooth and efficiently, I can have complete control over the system</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>admin account login credentials, other required details</i></p> <p><b>When</b> I click the login button</p> <p><b>Then</b> the system will respond me by giving access to manage the whole system</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter, Dart</p>		

## User Story Template: 09

<b>Title:</b> System view for gym owners	<b>Priority:</b> High	<b>Estimate:</b> 2 Days, 3 Persons
<p><b>As a</b> gym owner</p> <p><b>I want to</b> view the number of members registered in my gym, the number of available time slots and products</p> <p><b>so that I can</b> know how many time slots and products are available</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>my gym information to the system</i></p> <p><b>When</b> my data is verified into the system</p> <p><b>Then</b> I can view the number of members, booked and available time slots</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter, Dart</p>		

## User Story Template: 10

<b>Title: Adding Member details</b>	<b>Priority: High</b>	<b>Estimate: 2 Days, 3 Persons</b>
<p><b>As a</b> regular user or gym owner</p> <p><b>I want to</b> add member details and their booked time slots, workout schedules and payment information</p> <p><b>so that I can</b> register members to the system</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>basic information of the member, preferred time slots, workout schedules and payment information</i></p> <p><b>When</b> I will press the submit button</p> <p><b>Then</b> the system will respond me by adding member information to the system</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter, Dart</p>		

## User Story Template: 11

<b>Title: Upload products</b>	<b>Priority: High</b>	<b>Estimate: 4 Days, 3 Persons</b>
<p><b>As a</b> <i>gym owner or system authority</i></p> <p><b>I want to</b> add the products that are available in the gym</p> <p><b>so that I can</b> update my product information and sell them to the customers</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>product information, available quantities, available sizes and price</i></p> <p><b>When</b> I confirm and press the upload button</p> <p><b>Then</b> the system adds my uploaded product in it</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter, Dart</p>		

## User Story Template: 12

<b>Title: Manage Trainer</b>	<b>Priority: High</b>	<b>Estimate: 2</b> Days, 2 Persons
<p><b>As a</b> <i>gym owner or system authority</i></p> <p><b>I want to</b> manage trainer</p> <p><b>so that I can</b> add trainers to the system or remove the trainers who left the gym or sacked for relevant reason</p>		
<p><b>Acceptance criteria</b></p> <p><b>Given</b> <i>trainers personal information, trainers gym details, working schedules</i></p> <p><b>When</b> I press the manage button</p> <p><b>Then</b> the system will add/remove trainers</p>		
<p>Platform: Cross-platform web app</p> <p>Language/framework: Python, Django, Flutter, Dart</p>		