

**Cairo University**

**Faculty of Computers and Artificial Intelligence**



# **CS251**

## **Intro. to Software Engineering**

### **GoFo**

## **Software Requirements Specifications**

### **Version 1.0**

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CS251: Phase 1 – Team Name  
Project: <Project Name>

# Software Requirements Specifications

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## Software Requirements Specifications

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# CS251: Phase 1 – Team Name

## Project: <Project Name>

# Software Requirements Specifications

## Document Purpose and Audience

This document is an SRS document (Software Requirements Specifications Document). The document is a clear and precise way to list a client's requirements in a non-technical simple language. It tells the client how his/her program is going to perform and all the available features in it. This document also works as a contract between the client and the developer team. The document can also work as a reference for anyone who thinks of a similar software concept.

Obviously the main Audience of this document is the client who wants to get the software as he/she wishes. However, the document is determined for the general audience since it's written in a simple language. Some person with a general knowledge can read it and understand the content. Managerial audience (like CEOs) can also benefit from this document, since it serves as a software planning.

## Introduction

### Software Purpose

The software's main issue is to solve the problem that may encounter a lot of people who just want to book a playground to play a football match or two. The searching process for a playground can be time and cost consuming. The players may even don't know where the playgrounds in their area is located. Our system solves this tedious process by connecting the playgrounds' owners with the players through the internet. That way it would be a lot easier to know the available playgrounds in your area with the least of effort.

### Software Scope

The system manages the booking process between a player and a playground owner. The system also stores and manages information about both of them and about the playground. The transaction of money between an E-wallet to another is also within the system's scope. However, charging an E-wallet with money is out of the scope.

## Definitions, acronyms, and abbreviations

<i>Jargon</i>	<i>Definition</i>
SRS	Software Requirements Specifications
Software	A computer system consists of some integrated programs
CEO	Chief Executive Officer
E-wallet	Electronic wallet that stores money digitally



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## Software Requirements Specifications

### Requirements

#### Functional Requirements

- 1- The system allows the user to create an account providing some information (name, ID, password, email, phone, and default location). Then the user can log in to the system using his email and password.
- 2- A playground owner can register his playground on the system by providing its name, location, available hours and some pictures. These information can be edited by the owner at any time.
- 3- A playground registration must grant approval from the administrator before it exists on the system
- 4- The user can list all playgrounds and observe their information (name, location, hours and pictures). The user can also filter the playgrounds the system lists by available hours, location or by date.
- 5- A player is allowed to book a specific playground at a specific time (after observing its details). After checking the availability of the playground at the time the player chose, the system will calculate the total cost, payment transaction to the owner will be done and the playground state will be updated so that it's not available at the time the player chose.
- 6- The system allows a player to rate a specific playground (from 1 to 5 stars)
- 7- Within a cancellation period, the player is allowed to cancel his/her playground booking.
- 8- The system gives the administrator some higher permissions:
  - a. An administrator can suspend a playground
  - b. An administrator can reactivate a playground
  - c. An administrator can permanently delete a playground
- 9- The system can check the balance of an E-wallet and can transfer money between 2 E-wallets.



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## Software Requirements Specifications

### Non Functional Requirements

	Details
<b>Performance</b>	<ul style="list-style-type: none"><li>• The system has to be fast-performing, and updates its data continuously.</li><li>• The search for the nearest playgrounds should be done in less than five seconds.</li><li>• The system should response with message confirming after the booking operation to user within 2 seconds.</li><li>• Withdraw operation will be done within 20 second.</li></ul>
<b>Safety and security</b>	<ul style="list-style-type: none"><li>• The system must protect user's data.</li><li>• The system must handle safe login and logout through session.</li><li>• Network is using secured protocols.</li></ul>
<b>Scalability</b>	<ul style="list-style-type: none"><li>• System allows up to 30,000 withdrawals per minute.</li><li>• System should be able to booking up to 1000 players at the same time.</li></ul>
<b>Reliability</b>	<ul style="list-style-type: none"><li>• This system should be reliable and provide catching of exceptions.</li></ul>
<b>Useability</b>	<ul style="list-style-type: none"><li>• The system must contain an easy-to-use interface.</li></ul>

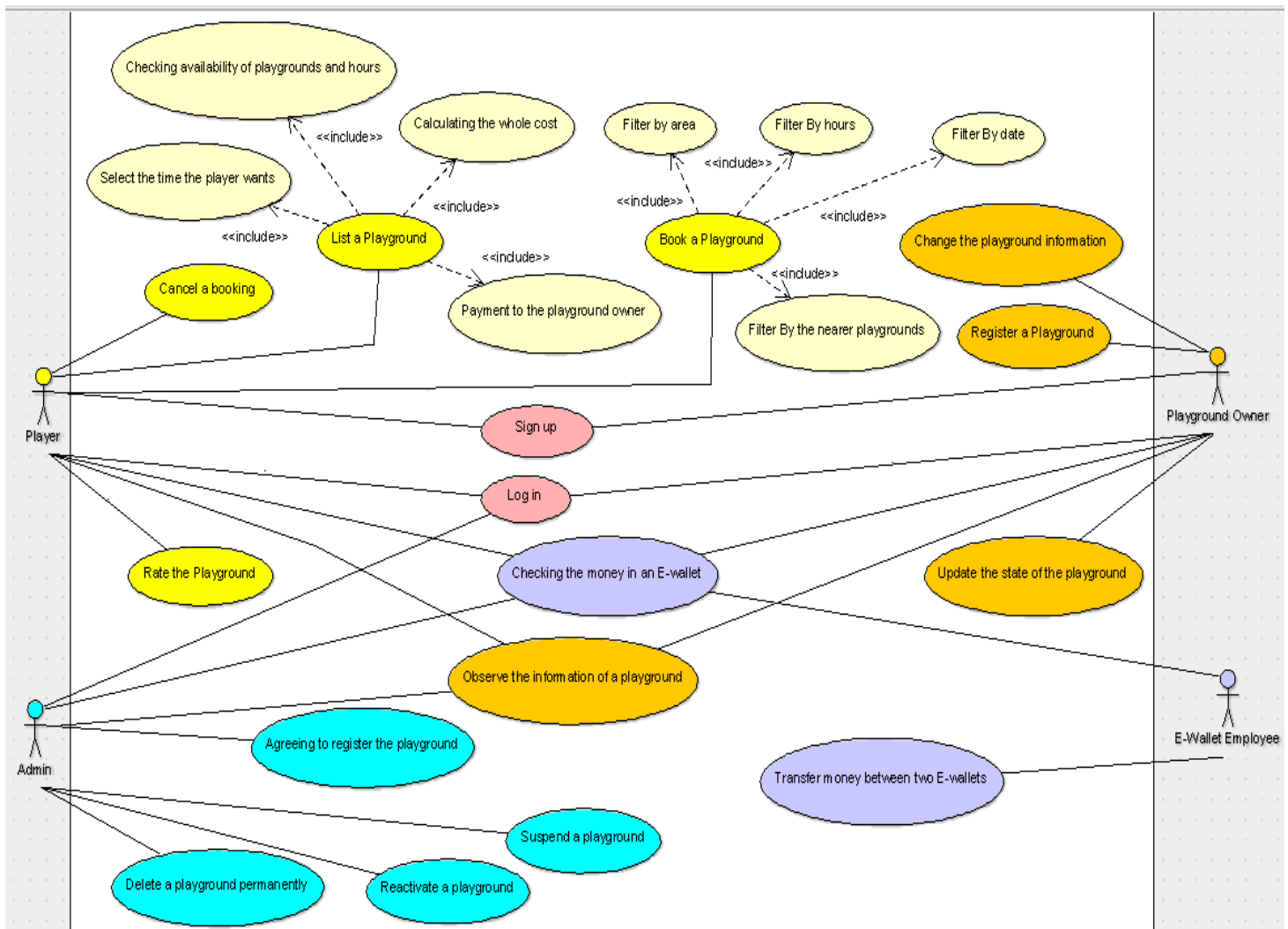
# CS251: Phase 1 – Team Name

## Project: <Project Name>

## Software Requirements Specifications

### System Models

#### Use Case Model



- **Admin:** who control the system and its components.
- **Player:** who use the system to book a playground.
- **Playground owner:** who register his playground in the system.

**E-Wallet employee:** who manage the system of the E-wallet.



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## Software Requirements Specifications

### Enriched User Stories

#### User Story #1

<b>User Story ID</b>	US #1
<b>User Story Name</b>	List the playgrounds
<b>Actors</b>	Admin, player
<b>Description</b>	<p><b>As</b> a player</p> <p>I <b>like</b> to be able to see all the available playgrounds on the system</p> <p><b>So</b> I can choose the appropriate playground and book it</p>
<b>Pre-condition</b>	Being logged-in on the system as a player or admin
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm a logged-in player on the system</p> <p><b>When</b> select a filtration by inserting (hours, date and area) and click the "list playgrounds" button.</p> <p><b>Then</b> the system lists all the playgrounds according to my criteria</p>

- Scenarios

#### Normal Scenario

Actor Action	System Response
1- Insert the hours that the playground should be available at 2- insert date 3- insert area 3- Click "list playgrounds"	
	3- Searches for the playgrounds that match the filtration. 4- Lists them to the user.





# CS251: Phase 1 – Team Name

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## Software Requirements Specifications

### Exceptional Scenario

Actor Action	System Response
1- The user clicks “list playgrounds” without specifying a filtration.	
	3- Lists all playgrounds available

### • Screen Design

### • Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
date	Date selector	
hours	int	The system makes sure it does not exceed 24
area	string	The system makes sure it is an existing area
List playground	button	



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## Software Requirements Specifications

### User Story #2

<b>User Story ID</b>	US #2
<b>User Story Name</b>	Observe playground information
<b>Actors</b>	Admin, player, playground owner
<b>Description</b>	<p><b>As</b> a player  I <b>like</b> to be able to see specific playground's details  <b>So</b> I can decide if a playground is suitable for me or not  -----</p> <p><b>As</b> an admin  I <b>like</b> to be able to see specific playground's details  <b>So</b> I can decide if I want to delete it or not  -----</p> <p><b>As</b> an owner  I <b>like</b> to be able to see specific playground's details  <b>So</b> I can decide if I want to delete or modify it or not</p>
<b>Pre-condition</b>	One or more playgrounds are listed on the screen
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm logged-in on the system  <b>When</b> select a playground  <b>Then</b> the system display all its information</p>

- Scenarios**

#### Normal Scenario

Actor Action	System Response
1- Click on a playground	
	2- display all information about the clicked playground



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## Software Requirements Specifications

- Screen Design

The screenshot shows a web application window with a menu bar (File, Edit, View, Help). Below the menu is a 'back' button. The main content area is titled 'Playground 2'. It contains the following text: 'Name: Playground 2', 'Location: Giza', 'Hours: available from 2pm to 9pm', and 'small discription about the playground:'. To the right of this text is a placeholder for an image, labeled 'Image'. Below the image placeholder is the text 'Images of the playground'. At the bottom center is a 'Book' button.

- Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
book	button	
back	button	

### User Story #3

User Story ID	US #3
User Story Name	Book a playground
Actors	player
Description	<p><b>As</b> a player</p> <p>I <b>like</b> to be able to book a playground at a specific time and for a specific duration</p> <p><b>So</b> I have a playground without wasting time and money</p>
Pre-condition	The user is observing a playground information, the time and date specified by the user is available for the playground
Post condition	The user is directed to the payment page



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## Software Requirements Specifications

### Acceptance Criteria

**Given** I'm a logged-in player on the system and observing a playground

**When** I click the book button and specify the time

**Then** the system books this playground for me at the specified time

- Scenarios

### Normal Scenario

Actor Action	System Response
1- Click the "book" button	
	2- shows a form to insert the time and date
3- insert time and date in their boxes 4- click submit	
	5- check availability of the playground 6- calculate the whole cost 7- display a message to the user to confirm the booking and inform the user with the cost

### Exceptional Scenario

Actor Action	System Response
1- Click the "book" button	
	2- shows a form to insert the time and date
3- insert time and date in their boxes 4- click submit	
	5- check availability of the playground 6- invalid playground for the specifications



# CS251: Phase 1 – Team Name

## Project: <Project Name>

## Software Requirements Specifications

- Screen Design

File Edit View Help

back

insert the time(in 24 format) and date you want

from

to

submit

playground is not available

OK

- Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
from	string	The system makes sure it is in the format of hh:mm, and makes sure that m and h are numbers
to	string	The system makes sure it is in the format of hh:mm, and makes sure that m and h are numbers
date	Date specifier	
submit	button	
ok	button	

### User Story #4

User Story ID	US #4
User Story Name	Transferring money
Actors	player
Description	As a player



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## Software Requirements Specifications

	I <b>like</b> to be able to transfer money to another person <b>So</b> I can pay the booking fee to the owner
<b>Pre-condition</b>	The user has an e-wallet connected to his account and has enough balance
<b>Post condition</b>	Balance of the sender is reduced by the amount and the balance of the receiver is decreased
<b>Acceptance Criteria</b>	<b>Given</b> I have an e-wallet and enough balance <b>When</b> I click the “transfer money” button <b>Then</b> the system transfers the booking cost to the owner

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- Click the “transfer money” button	
	2- checks if the balance is enough to pay the playground fee 3- sends the total money to the owner 4- displays a confirmation message to the user that the booking was successfully done and money transferred
5- Clicks “ok”	
	6- user is directed to the main page

### Exceptional Scenario

Actor Action	System Response
1- Click the “transfer money” button	
	2- checks if the balance is enough to pay the playground fee 3- display the message “not enough balance”



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## Software Requirements Specifications

- **Screen Design**

File Edit View Help

back

final step to fully book the play ground  
the total cost of the playground booking is: \$20

transfer money

Not enough balance in your wallet

OK

your booking was done successfully!

OK

- **Data Dictionary:**

Element Label	Type/Length	Data Validation / Business Rule
Transfer money	button	



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Project: <Project Name>

## Software Requirements Specifications

### User Story #5

<b>User Story ID</b>	US #5
<b>User Story Name</b>	Cancel a booking
<b>Actors</b>	player
<b>Description</b>	<p><b>As</b> a player</p> <p>I <b>like</b> to be able to cancel a booking</p> <p><b>So</b> I can change my plans without having to go to the playground for the cancellation</p>
<b>Pre-condition</b>	Have a playground booked
<b>Post condition</b>	The book is canceled and deleted from the bookings list
<b>Acceptance Criteria</b>	<p><b>Given</b> I am a player and have a playground booked</p> <p><b>When</b> I click the “cancel” button and confirm the cancellation</p> <p><b>Then</b> the system cancels the booking</p>

- Scenarios**

#### Normal Scenario

Actor Action	System Response
1- Click the “bookings list” button	
	2- the system lists all bookings of the user
3- Clicks the cancel button besides the desired booking	
	4- check if the cancellation period is still active
	5- Displays a form with message “are you sure you want to cancel this booking” and two buttons “yes” and “no”
6- Clicks “yes”	7- deletes the booking and remove it from the bookings list for that player

#### Exceptional Scenario

Actor Action	System Response
1- Click the “bookings list” button	





# CS251: Phase 1 – Team Name

## Project: <Project Name>

## Software Requirements Specifications

3- Clicks the cancel button besides the desired booking

2- the system lists all bookings of the user

4- checks if the cancelation period is still active

5- display “cancelation period has passed”

### • Screen Design

File Edit View Help

back

Booked playgrounds

playground 1	cancel
playground 2	cancel
playground 3	cancel
playground 4	cancel

Are you sure you want to cancel this booking ?

Yes

No

### • Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
cancel	button	
Yes	button	
No	button	



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Project: <Project Name>

## Software Requirements Specifications

### User Story #6

<b>User Story ID</b>	US #6
<b>User Story Name</b>	Agree to register playground
<b>Actors</b>	Admin
<b>Description</b>	<p><b>As</b> an Admin</p> <p>I <b>want</b> to check the information of the playground that will register in the system</p> <p><b>So</b> I can accept the request of the owner to register the playground in the system</p>
<b>Pre-condition</b>	The owner must enter the information of the playground and send a request to register the playground in the system
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm a logged-in as Admin on the system</p> <p><b>When</b> the owner of the playground sent request to register the playground in the system.</p> <p><b>Then</b> I can accept the registration of the playground in the system</p>

- Scenarios**

#### Normal Scenario

Actor Action	System Response
1- open the requests page	
2- check playground information	
3- press accept button	
	4- the playground is available in the system

#### Exceptional Scenario

Actor Action	System Response
1- The information is too little or the admin doesn't like the playground.	
2- Decline the playground	
	3-refuse and delete the request



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## Software Requirements Specifications

- Screen Design

The screenshot shows a web application interface with a blue background. At the top, there are three tabs: 'Playgrounds', 'Requests' (which is active), and 'Edit'. Below the tabs, there is a 'back' button. The main content area displays a list of six playgrounds, each with a red header and an orange body. The list is as follows:

Playground 1
Playground 2
Playground 3
Playground 4
Playground 5
Playground 6

At the bottom right of the list, there is a 'Show information' button.

The screenshot shows the same web application interface as the previous one, but with details for a specific playground request. The 'back' button is still present. The details are as follows:

Name: Playground 1

Address: Address of playground 1

Time for book: From 2 pm to 10 pm

Description: Description of Playground 1

At the bottom, there are two buttons: 'Accept' and 'Decline'.

- Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
Show information	Button	
Accept	Button	
Decline	Button	

### User Story #7

User Story ID	US #7
User Story Name	Suspend playground
Actors	Admin
Description	As an Admin I want to stop the activity of any playground So I can suspend the playground
Pre-condition	The players must send many complaints and check the playground



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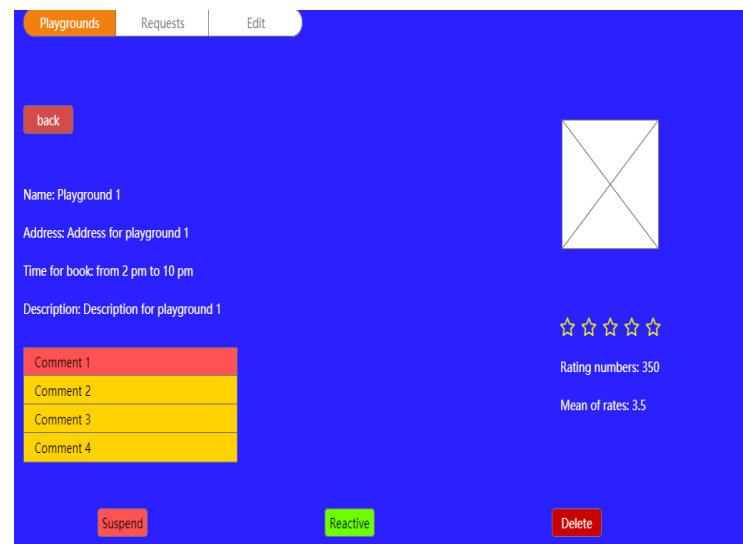
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm a logged-in as Admin on the system</p> <p><b>When</b> players send many complaints and some employees check the playground</p> <p><b>Then</b> I can suspend the playground</p>

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- open the playground page	
2- check playground rate and complaints	
3- press suspend button	
	4- the playground is deactivated in the system

- Screen Design**





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## Project: <Project Name>

## Software Requirements Specifications

- Data Dictionary:**

Element Label	Type/Length	Data Validation / Business Rule
Show information	Button	
suspend	Button	

### User Story #8

<b>User Story ID</b>	US #8
<b>User Story Name</b>	Reactivate playground
<b>Actors</b>	Admin
<b>Description</b>	<b>As</b> an Admin I <b>want</b> to check the information of the suspended playground <b>So</b> I can reactive the suspended playground
<b>Pre-condition</b>	The suspend period must be ended
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<b>Given</b> I'm a logged-in as Admin on the system <b>When</b> the suspended period is ended or the owner fix the complaints <b>Then</b> I can reactivate the playground

- Scenarios**

#### Normal Scenario

Actor Action	System Response
1- check playground information 2- press reactive button	
	3- the playground is available in the system

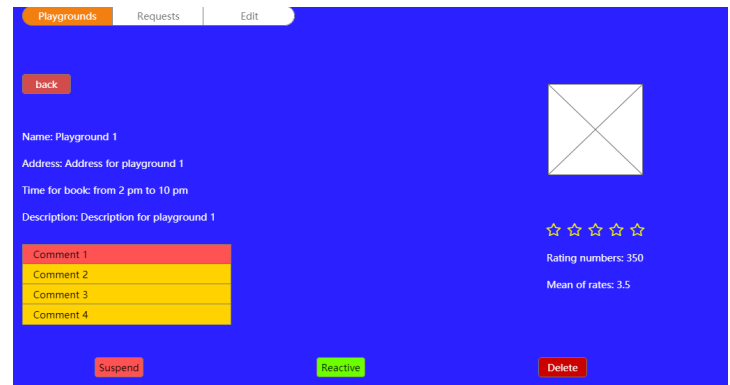
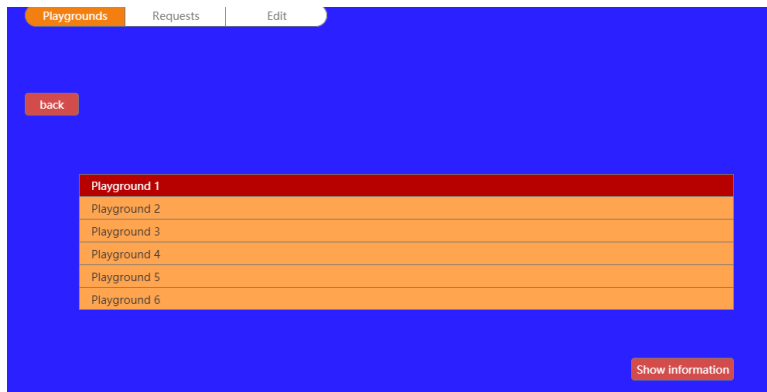


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## Software Requirements Specifications

- Screen Design



- Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
Show information	Button	
reactive	Button	

### User Story #9

User Story ID	US #9
User Story Name	Delete playground permanently
Actors	Admin
Description	As an Admin I want to remove the playground from the system So I can delete the playground permanently
Pre-condition	Register in the system as admin
Post condition	
Acceptance Criteria	Given I'm a logged-in as Admin on the system When I want to remove the playground from the system. Then I can delete the playground permanently from the system



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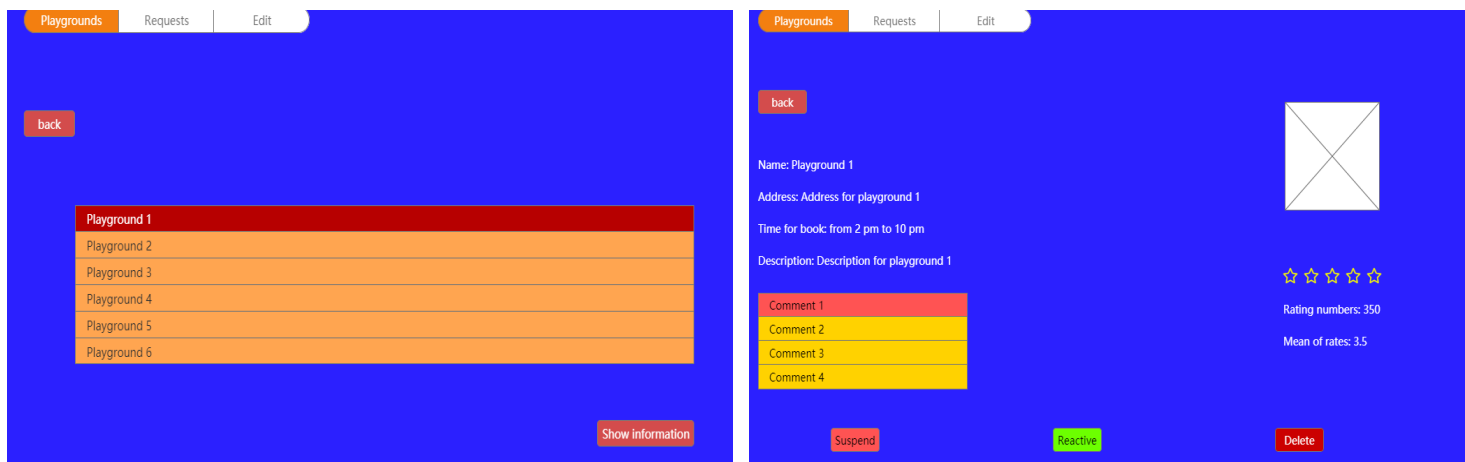
## Software Requirements Specifications

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- check playground information	
2- press delete permanently button	
	3- the playground is removed from the system

- Screen Design**



- Data Dictionary:**

Element Label	Type/Length	Data Validation / Business Rule
Show information	Button	
Delete permanently	Button	



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## Software Requirements Specifications

- User Story #10**

<b>User Story ID</b>	US #10
<b>User Story Name</b>	Log in
<b>Actors</b>	Admin, player, playground owner
<b>Description</b>	<p><b>As</b> an Admin I <b>like</b> to be able to login in the System <b>So</b> I can Observe all actions that will be done in the system.</p> <hr/> <p><b>As</b> a player I <b>like</b> to be able to login in the system <b>So</b> I can see the nearest playgrounds and booking one.</p> <hr/> <p><b>As</b> a playground owner I <b>like</b> to be able to login in the system <b>So</b> I can edit my playground information and see my list booking.</p>
<b>Per condition</b>	Create an account in the system (player, playground owner).
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm a logged-out system user and I'm on the Sign-In page <b>When</b> I enter "Username" and "Password" in their fields and I press "submit" button <b>Then</b> the system checks my account and log me in.</p>

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- User Enter username and Password. 2- Click submit.	
	3- System checks the user account. 4- System accepts the login.
5- User can use the system.	





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## Software Requirements Specifications

### Exceptional Scenario

Actor Action	System Response
1- User Enter username and Password. 2- Click <b>Submit</b>	
	3- password is in correct 4- System rejects login process and displays an error message.

### • Screen Design

login page2

Username

Password

submit

error message3

The password is not correct please write it again

return page

### • Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule	
Username	Text/50	Mandatory: yes	Updatable: yes
Password	Text or number/50	Mandatory: yes	Updatable: yes



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## Software Requirements Specifications

- User Story #11**

<b>User Story ID</b>	US #11
<b>User Story Name</b>	Sign up
<b>Actors</b>	Player, Playground owner
<b>Description</b>	<p><b>As</b> a player  <b>I like</b> to be able to register in the system  <b>So</b> I can see the nearest playgrounds and booking one of them.</p> <hr/> <p><b>As</b> a playground owner  <b>I like</b> to be able to register in the system  <b>So</b> I can display my playground in the system.</p>
<b>Per condition</b>	
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<p><b>Given</b> I'm on "sign up" page, and I want to register in the system.</p> <p><b>When</b> I enter "name", "Password", "Email", "Phone", "Location" in their fields and I click the Sign-up button</p> <p><b>Then</b> the system signs me up</p>

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- User Enter name, Password, email, phone and location. 2- Click sign up.	
	3-system checks the entry data if correct 4- System stores user data 5- System displays message to make user login.
6- User go to login page to enter the system	



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## Software Requirements Specifications

### Exceptional Scenario

Actor Action	System Response
1-User Enter name, Password, email, phone and location. 2-Click sign up.	
	3- system checks the entry data and it not correct 4- Systems rejects registration and displays an error message
5-User registers again.	

- Screen Design

sign page2

Username

Password

Email

Phone

Location

Sign up

confirm message3

Registration has been successful

Go Login

error message3

Registration fails please check the data

return page



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Project: <Project Name>

## Software Requirements Specifications

- Data Dictionary:**

Element Label	Type/Length	Data Validation / Business Rule
username	Text/50	Mandatory: yes    Updatable: yes
password	Number or text/50	Mandatory: yes    Updatable: yes
email	Text and number	Mandatory: yes    Updatable: yes System must check that the value in email form.
Phone	Number/11	Mandatory: yes    Updatable: yes Sure, there are different numbers in it.
Location	Text and number/100	Mandatory: yes    Updatable: yes check if this location valid.

- User Story #12**

<b>User Story ID</b>	US #12
<b>User Story Name</b>	Rate a playground
<b>Actors</b>	Player
<b>Description</b>	<b>As</b> a player I <b>like</b> to be able to rate the playground <b>So</b> I can know later what is the best playground.
<b>Per condition</b>	Player booking this playground before rate it.
<b>Post condition</b>	
<b>Acceptance Criteria</b>	<b>Given</b> I'm on a page rating the playground, and I want to rate it <b>When</b> I enter the rate of playground and I click the submit button <b>Then</b> the system thanks me for my rating.

- Scenarios**

**Normal Scenario**

Actor	System Response
<b>Action</b>	
1- User enter the rate of playground.	
2- Click <b>Submit</b>	



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## Software Requirements Specifications

	3- System stores the rate. 4- System displays message to thanks user about his rating.
--	---

### Exceptional Scenario

Actor Action	System Response
1- User Enter the rate of playground. 2- Click <b>Submit</b>	
	3-System stores the rate. 4- System displays message if rating is low to know the reason

### • Screen Design

Rate Playground

How do you rate the playground?

★ ★ ★ ★ ★

submit

Rate Playground reasons

what is the reason for low rating?

input your reason

submit

### • Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule
Rate playground	Number/5	Mandatory: no    Updatable: yes



CS251: Phase 1 – Team Name  
Project: <Project Name>

## Software Requirements Specifications

- User Story #13**

<b>User Story ID</b>	US #13
<b>User Story Name</b>	Register playground
<b>Actors</b>	Playground owner
<b>Description</b>	As a playground owner I like to be able to register my playground So I can book my playground for players.
<b>Per condition</b>	Owner must create account for him
<b>Post condition</b>	
<b>Acceptance Criteria</b>	Given I'm a logged-out system user and I'm on the Sign-In page When I enter "Playground name", "Location ", "Size", "Available hours", "Price per hour", "Cancelation period" and I click the submit button Then the system registers and stores the playground.

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- User Enter Playground name, Location, Size, Available hours, Price per hour and Cancelation period. 2- Click <b>Submit</b>	
	3- System Stores playground data. 4- System displays message confirmed the registration.
5- User go to login page to use the system	

### Exceptional Scenario

Actor Action	System Response
1- User Enter Playground name, Location, Size, Available hours, Price per hour and Cancelation period.	



# CS251: Phase 1 – Team Name

## Project: <Project Name>

## Software Requirements Specifications

2- Click <b>Submit</b>	
	3- System Stores playground data. 4- System found error in date 5- Systems rejects the registration and displays an.

### • Screen Design

**Playground Registration**
4

Playground name   
 Location   
 Size   
 Available Hours   
 Price per hour   
 Cancellation period

**error message**
5

Registration fails please check the data

**confirm message**
5

Registration has been successful

### • Data Dictionary:

Element Label	Type/Length	Data Validation / Business Rule	
Playground name	Text/20	Mandatory: yes	Updatable: yes
Location	Text/50	Mandatory: yes	Updatable: yes check if this location valid.
Size	Number and text/20	Mandatory: yes	Updatable: yes
Available hours	Numbers or text/20	Mandatory: yes	Updatable: yes
Price per hour	Numbers or text/20	Mandatory: yes	Updatable: yes
Cancellation period	Numbers or text/20	Mandatory: yes	Updatable: yes



CS251: Phase 1 – Team Name  
Project: <Project Name>

## Software Requirements Specifications

- User Story #14**

<b>User Story ID</b>	US #14
<b>User Story Name</b>	Edit playground info
<b>Actors</b>	Playground owner
<b>Description</b>	<b>As</b> a Playground owner I <b>like</b> to be able to Edit my playground info <b>So</b> I can improve my playground.
<b>Per condition</b>	
<b>Post condition</b>	Click save to save all changes
<b>Acceptance Criteria</b>	<b>Given</b> I'm stand on an editing page of the playground and I want to make my editing on my playground. <b>When</b> I edit the info that I want to edit and I click save button <b>Then</b> the system display message to confirm editing and saves the new info.

- Scenarios**

### Normal Scenario

Actor Action	System Response
1- User edit playground info. 2- Click Save	
4- User accept changes.	3- System displays message to confirm it. 5-System saves playground data.

### Exceptional Scenario

Actor Action	System Response
1- User edit playground info. 2- Click Save	
4- User reject changes.	3- System displays message to confirm it. 5- System rejects to store the data.





CS251: Phase 1 – Team Name  
Project: <Project Name>

## Software Requirements Specifications

- Screen Design

**Playground editing page** 3

Playground name

Location

Size

Available Hours

Price per hour

Cancellation period

**confirmed page** 4

Are you sure that you want to change the data?

- Data Dictionary:

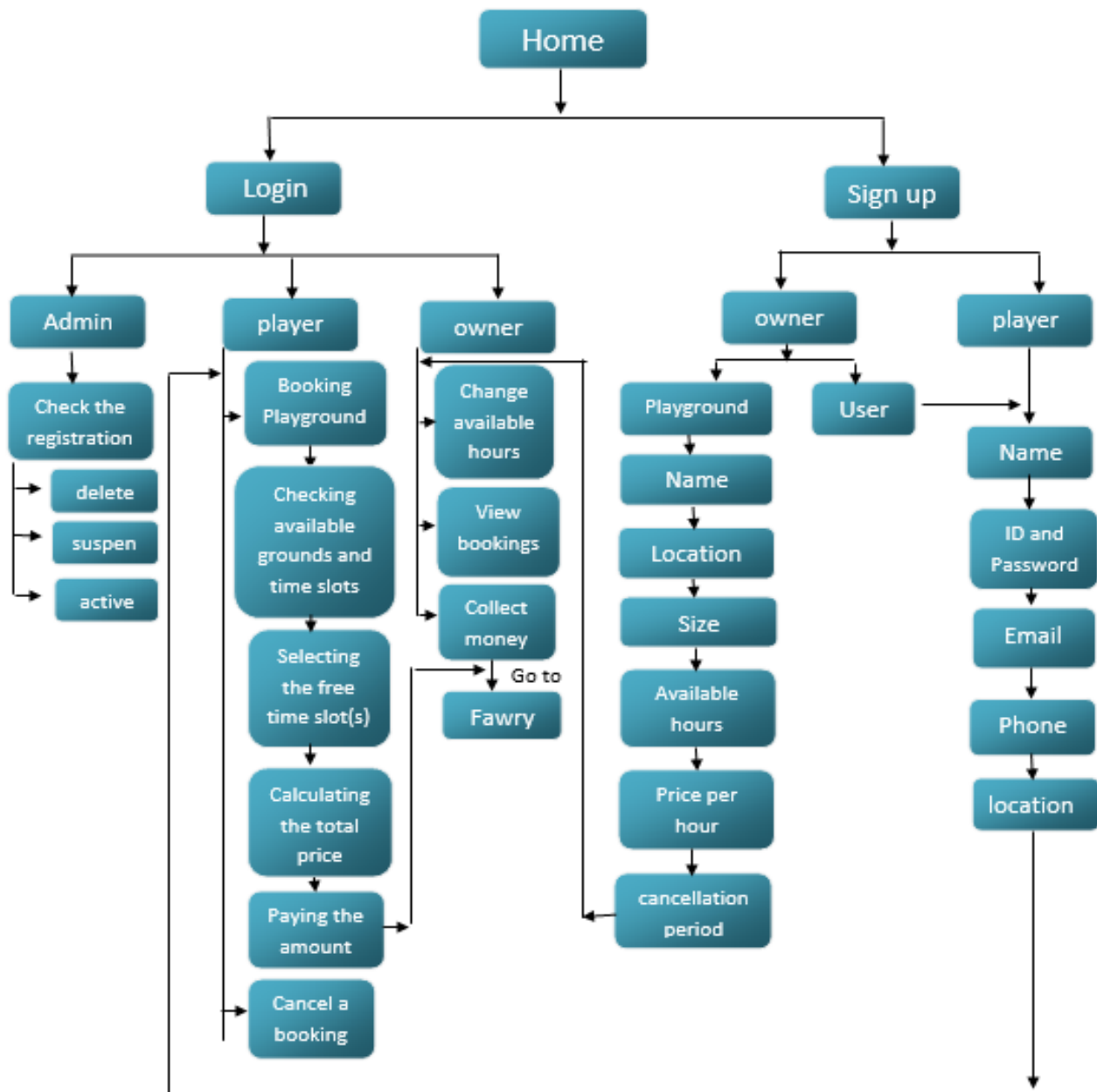
Element Label	Type/Length	Data Validation / Business Rule	
Playground name	Text/20	Mandatory: yes	Updatable: yes
Location	Text/50	Mandatory: yes	Updatable: yes check if this location valid.
Size	Number and text/20	Mandatory: yes	Updatable: yes
Available hours	Numbers or text/20	Mandatory: yes	Updatable: yes
Price per hour	Numbers or text/20	Mandatory: yes	Updatable: yes
Cancelation period	Numbers or text/20	Mandatory: yes	Updatable: yes



CS251: Phase 1 – Team Name  
Project: <Project Name>

## Software Requirements Specifications

### System Navigation Map





CS251: Phase 1 – Team Name  
Project: <Project Name>

## Software Requirements Specifications

### Tools

- We use in this document {ArgoUML, Microsoft Word, Mockplus, moqup}

### Ownership Report

Student	Items he created
Adham Magdy Ahmed Rushdy	Document purpose and audience, introduction, functional requirements, and user story from 1 to 5.
Hend Mohamed Mahmoud Elmahdi	Non-functional requirements, System navigation map, and user story from 10 to 14.
Abdelrahman Mohamed Sobhy	part of Use case model, Tools, Ownership report, and user story from 6 to 9.