

## Message From Sean

I have now checked out the contents of the repository for grading. Any further details added after the deadline will be ignored.

## Team Project: *Group 01*

### Team Members

Number	Name	Email(s)	CSGitLab Username
TM1	Qiyue Zhu	qiyue.zhu@ucdconnect.ie	@Victoria
TM2	Wenyi Liang	wenyi.liang@ucdconnect.ie	@Wenyi
TM3	Yunfei Xu	yunfei.xu@ucdconnect.ie	@Kira210
TM4	Zitong Wang	zitong.wang@ucdconnect.ie	@sukikatte
TM5	Siqi Du	siqi.du@ucdconnect.ie	@Yuki
TM6	Jiayi Cai	jiayi.cai@ucdconnect.ie	@22207285
TM7	Yani Yang	yani.yang@ucdconnect.ie	@hs
TM8	Boran Duan	boran.duan@ucdconnect.ie	@boran

## Design

This phase continues the development process by performing further realisations on the courses of events that we described in the analysis phase. This requires the creation of new sequence diagrams for each course of events. These diagrams will be more detailed in that they will contain all parameter and type information. Additionally, the diagrams will now include the UI and database components of the system.

Decisions made while constructing these diagrams are also documented in the class diagram.

### Use Case Realisations (Sequence Diagrams)

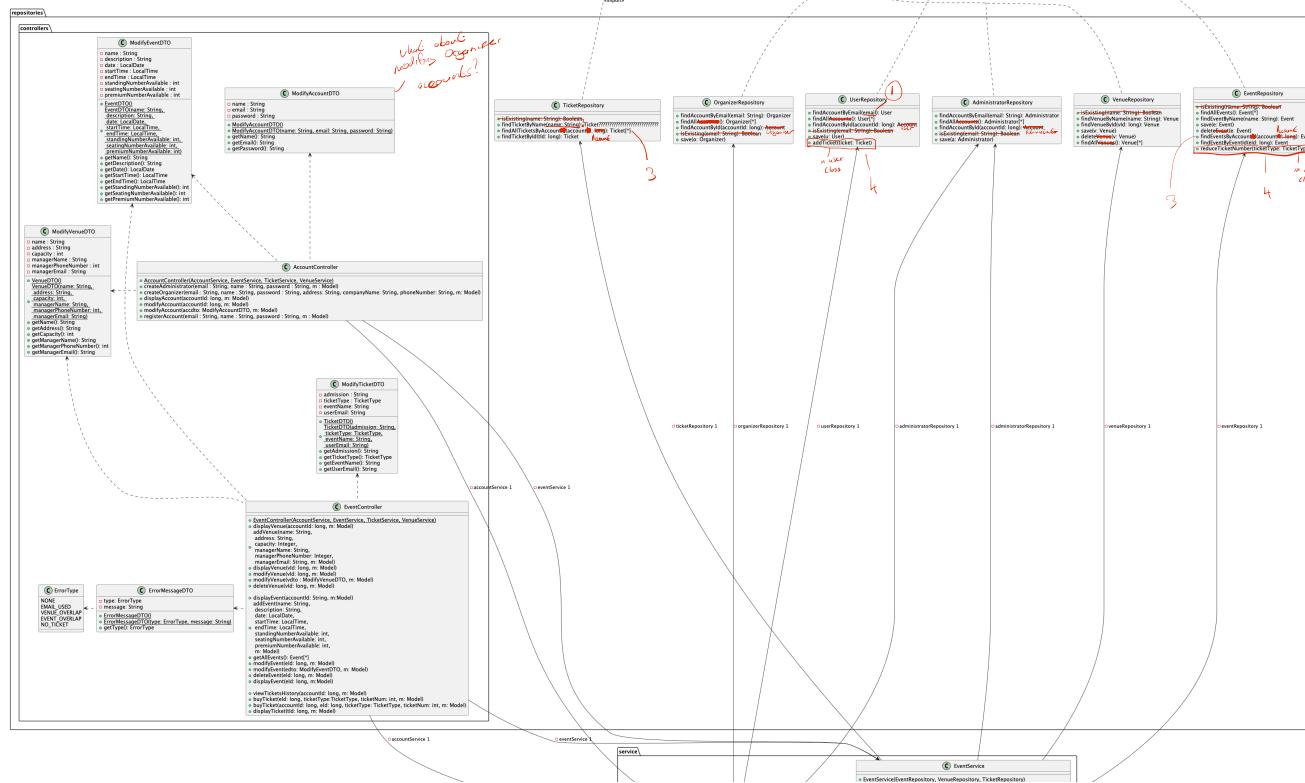
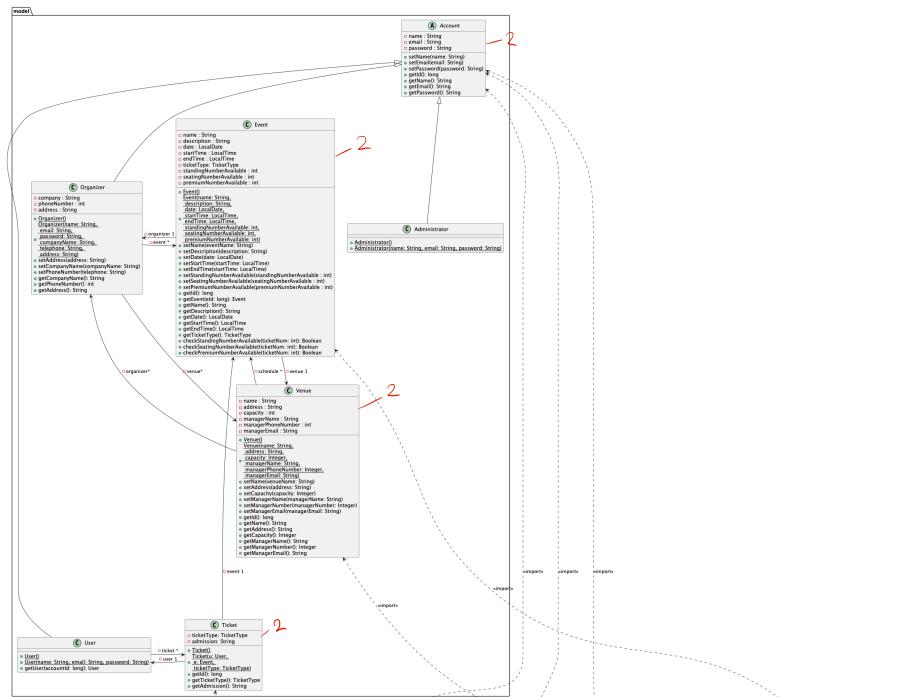
Each use case contains the separate sequence diagrams for each course of events. The diagrams are stored in the `images` folder and referenced in the markdown files.

1. Create Account
2. List Account
3. View Account
4. Modify Account
5. Register Account
6. List Venues
7. Add Venue
8. View Venue
9. Modify Venue
10. Delete Venue

11. List Events
12. Add Event
13. View Event
14. Modify Event
15. Delete Event
16. List My Events
17. List Tickets
18. Buy Tickets
19. View Tickets

## **Class Diagram**

The class diagram represents the information gained about the system by completing the use case realisations.



~~MESSIAH~~

## Data Persistence

Within the EventManagementSystem the following classes should be maintained between executions.

1. Account - name, email, password
  - User: extend Account
  - Organizer: extend Account, company, phoneNumber, address
  - Administrator: extend Account
2. Event: name, description, date, startTime, endTime, standingNumberAvailable, seatingNumberAvailable, premiumNumberAvailable
3. Ticket: event, user, ticketType, admission
4. Venue: name, address, capacity, managerName, managerPhoneNumber, managerEmail

ids missing

## Relationships

1. Event - Organizer (many to many)
2. Ticket - User (many to 1)
3. Event - Venue (many to 1)
4. Venue - Organizer (many to many)

This is only one side  
of these relationships

E → O 16 I  
O → E 16 M  
T → U 16 I  
U → T 16 M

## Milestone 3 Design

### Distribution of work on this milestone

#### Task Allocation

Item	Contributor 1	Contributor 2	Contributor 3
Reviewer		@hs(45%)	Other Members(10%)
Class Diagram	@Victoria(50%)	@hs(50%)	
Use Case 1: Create Account	@Kira210(100%)		
Use Case 2: List Account	@Kira210(100%)		
Use Case 3: View Account	@Wenyi(100%)		
Use Case 4: Modify Account	@hs(100%)		
Use Case 5: Register Account	@Wenyi(100%)		
Use Case 6: List Venues	@sukikatte(100%)		
Use Case 7: Add Venue	@boran(100%)		
Use Case 8: View Venue	@Kira210(100%)		
Use Case 9: Modify Venue	@Victoria(100%)		
Use Case 10: Delete Venue	@22207285 (100%)		
Use Case 11: List Events	@sukikatte(100%)		
Use Case 12: Add Event	@boran(100%)		
Use Case 13: View Event	@22207285 (100%)		
Use Case 14: Modify Event	@sukikatte(60%)	@boran (40%)	
Use Case 15: Delete Event	@22207285 (100%)		
Use Case 16: List My Event	@sukikatte(100%)		

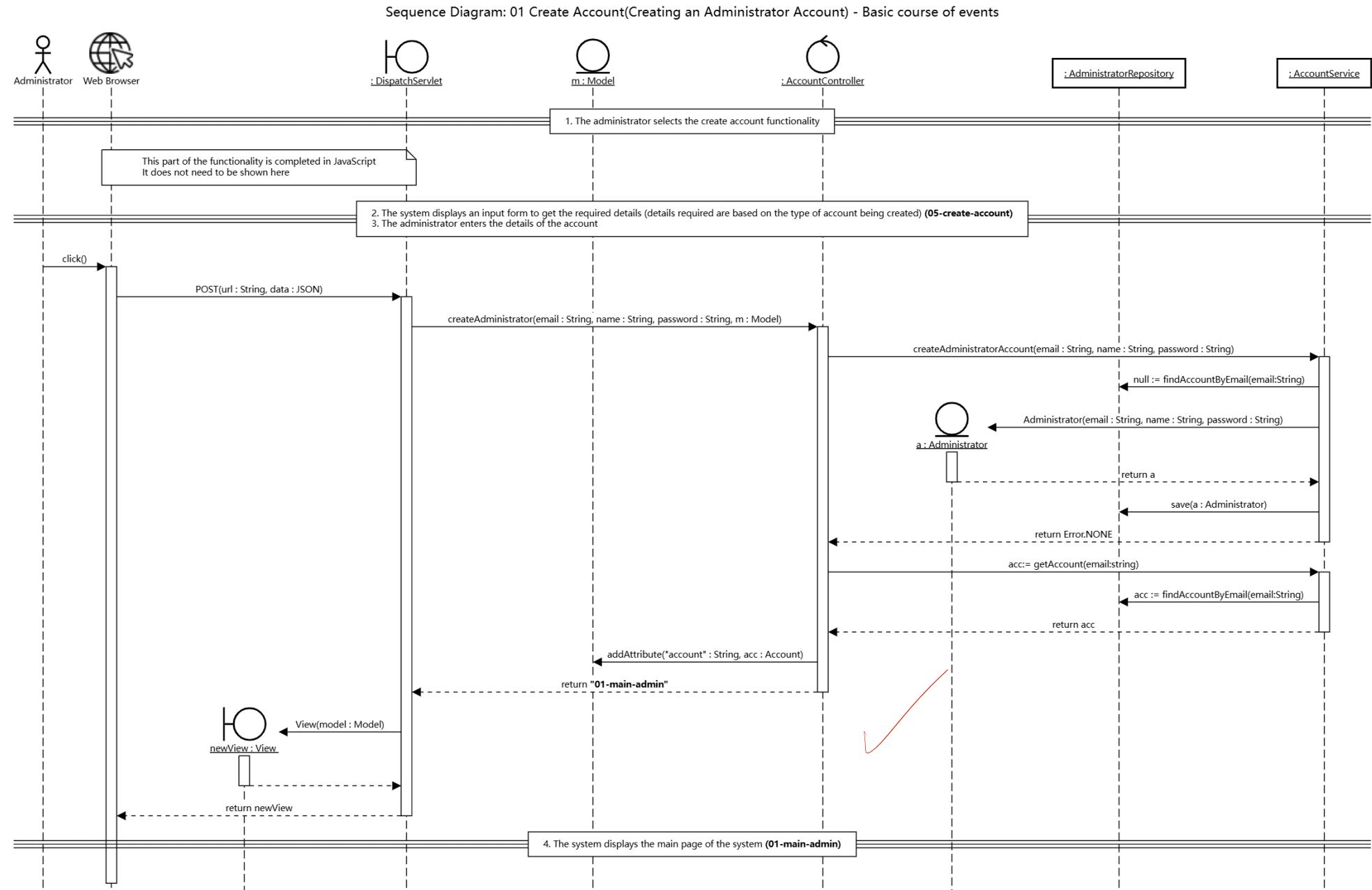
Item	Contributor 1	Contributor 2	Contributor 3
Use Case 17: List Tickets	@Yuki(100%)		
Use Case 18: Buy Tickets	@Yuki(100%)		
Use Case 19: View Tickets	@Yuki(100%)		

## Reflection Statements

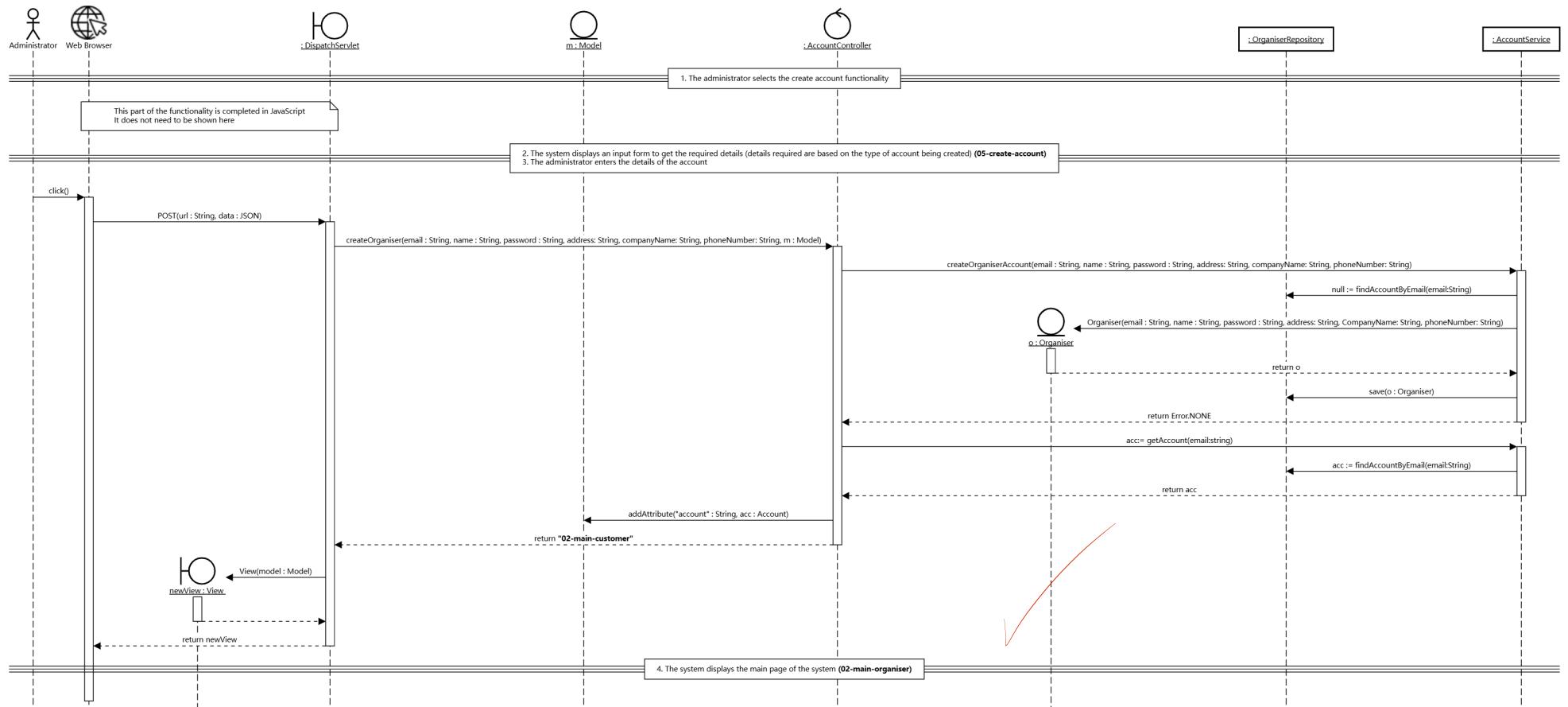
Team Member	Contribution Reflection Statement
@hs	Drew the sequence diagrams and wrote docs of use case 04 about its basic event and alternate. Participate in drawing class diagram. Review all the diagrams in the docs.
@Wenyi	Wrote docs of use case 03 & 05 about basic events and alternates.
@Victoria	Drew the sequence diagrams and wrote docs of use case 09 about its basic event and alternate. Participate in drawing class diagram. Review all the diagrams in the docs and give detailed and consistent feedback to each.
@kira210	Wrote docs of use case 01 & 02 & 08 about basic events and alternates.
@Yuki	Wrote docs of use case 17 & 18 & 19 about basic events and alternates.
@boran	Wrote docs of use case 07 & 12 & 14(40%) about basic events and alternates.
@sukikatt	Wrote docs of use case 06 & 11 & 14(60%) & 16 about basic events and alternates.
@22207285	Wrote docs of use case 10 & 13 & 15 about basic events and alternates.

## Use Case 01 - Create Account

### 01 - Basic Course of Events

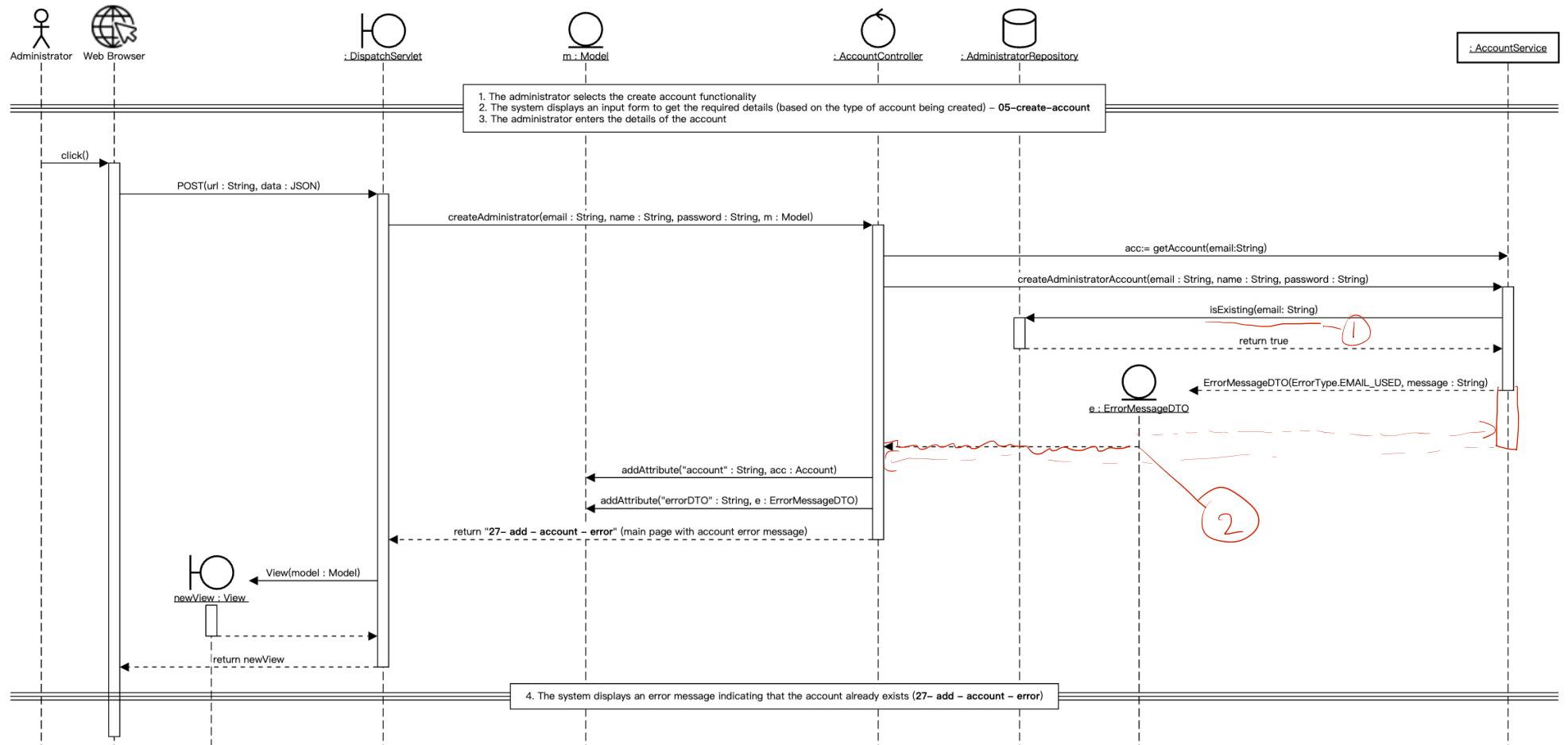


Sequence Diagram: 01 Create Account(Creating an Organiser Account) - Basic course of events

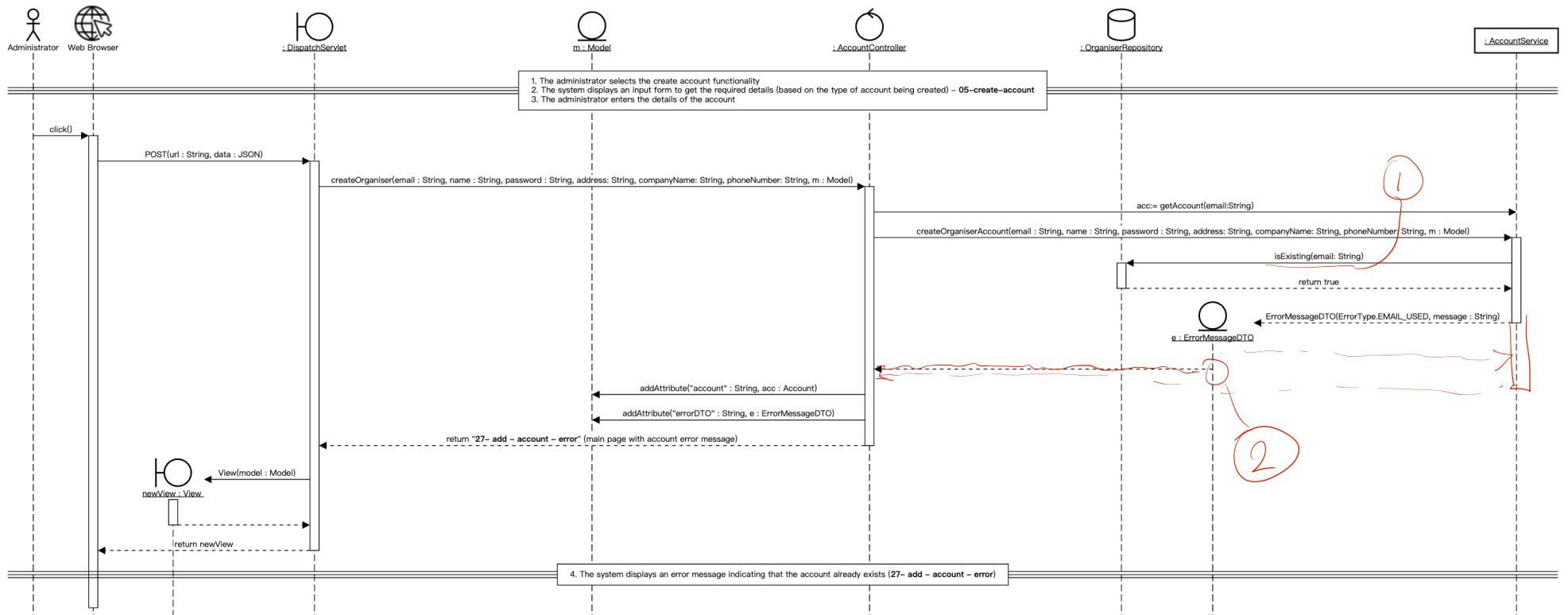


## 02 - Alternate Course of Events - Some Explanation

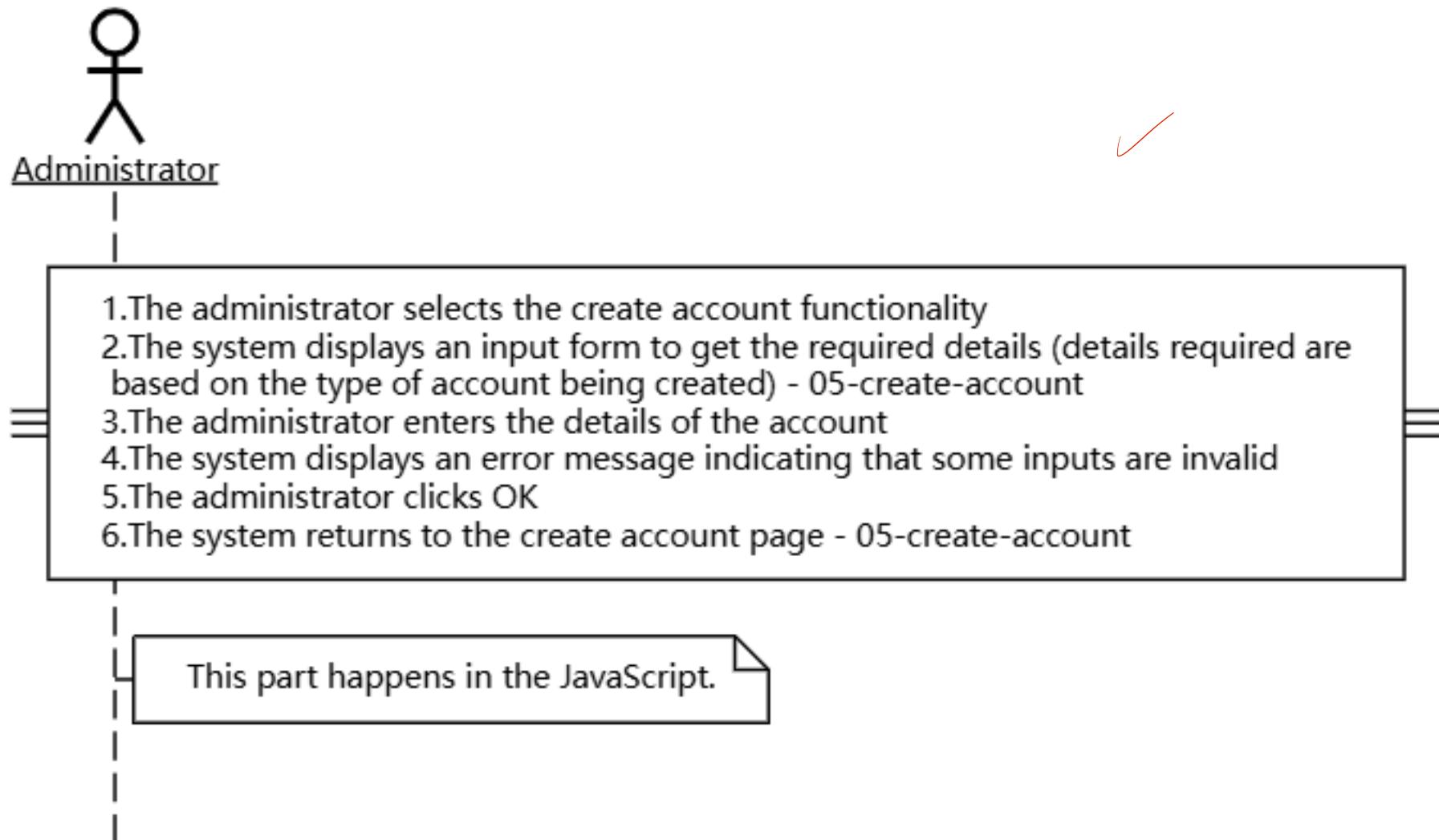
Sequence Diagram:01 Create Account–Creating an Administrator Account (Alternative Courses of Events – Account Already Exists)



Sequence Diagram:01 Create Account– Creating an Organiser Account(Alternative Courses of Events – Organiser Account Already Exists)



## Sequence Diagram: 01 Create Account (Alternative2 Courses of Events - Invalid Input)



Related UI Prototypes

[Home](#)[Profile](#)[Venues](#)[Accounts](#)

Identification ▾

input email or user name.....

[Search](#)[New Account](#)

Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com

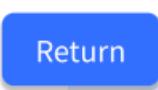


Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com

List Accounts Page

Return

Identification:

Name:

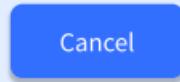
XXXX

Email:

123456789@email.com

Password: \*\*\*\*\*

Verify Password: \*\*\*\*\*

Sign inCancel

Create Account Page

[Events](#)[Profile](#)[Venues](#)[Accounts](#)[Search](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Event 7  
Name

Event 8  
Name

[View Account Page](#)  
(Admin-Admin)

Home

Profile

My Events

Venues

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

View Account Page  
(Admin-Organiser)

 Invalid Input:

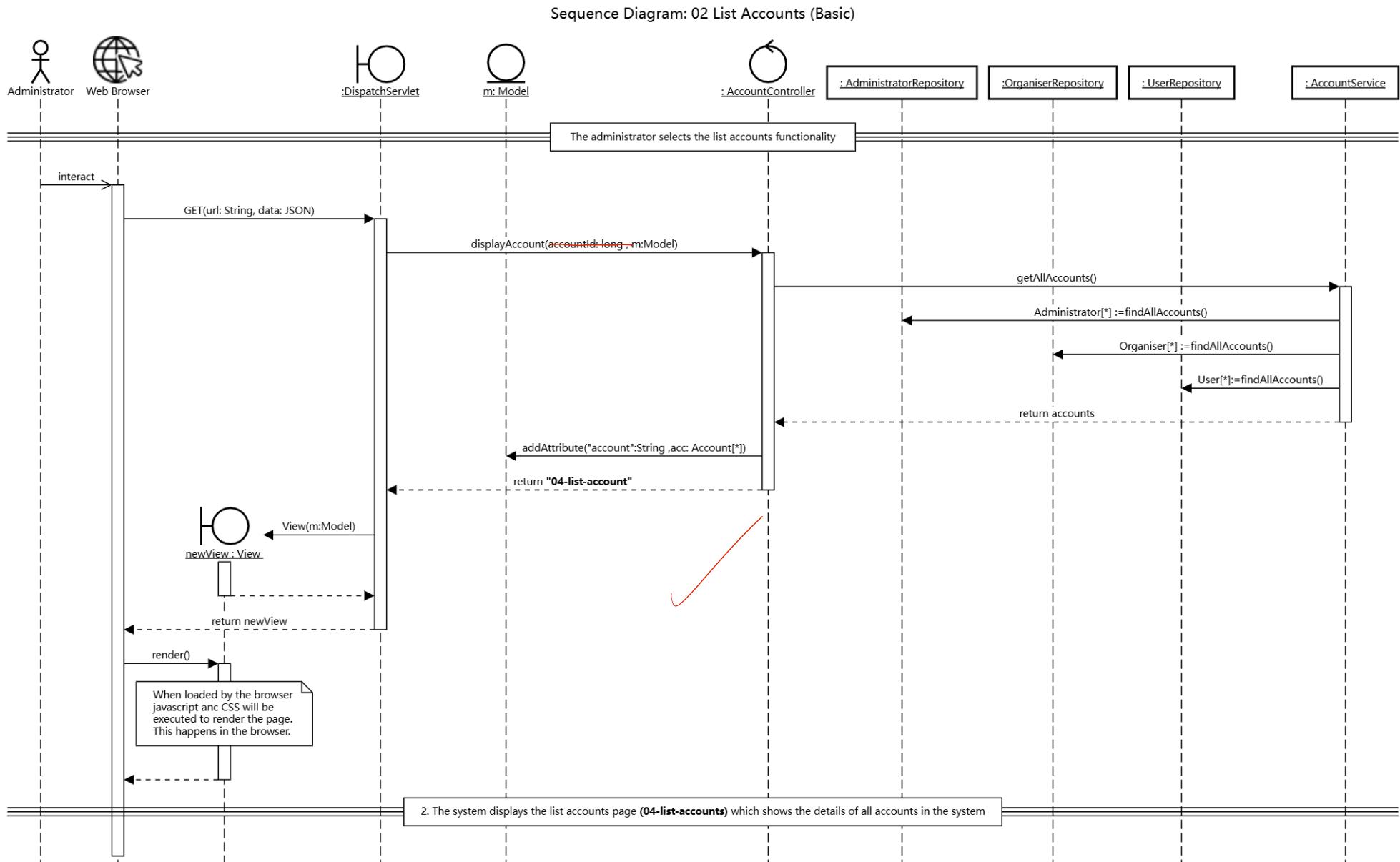
The imformation of account is exsiting.

Plaese register another one.

Cancel

## Use Case 02 - List Account

### 01 - Basic Course of Events



Related UI Prototypes

Events

Profile

Venues

Accounts

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Event 7  
Name

Event 8  
Name

Home

Profile

Venues

Accounts

---

Identification

input email or user name.....

Search

New Account



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



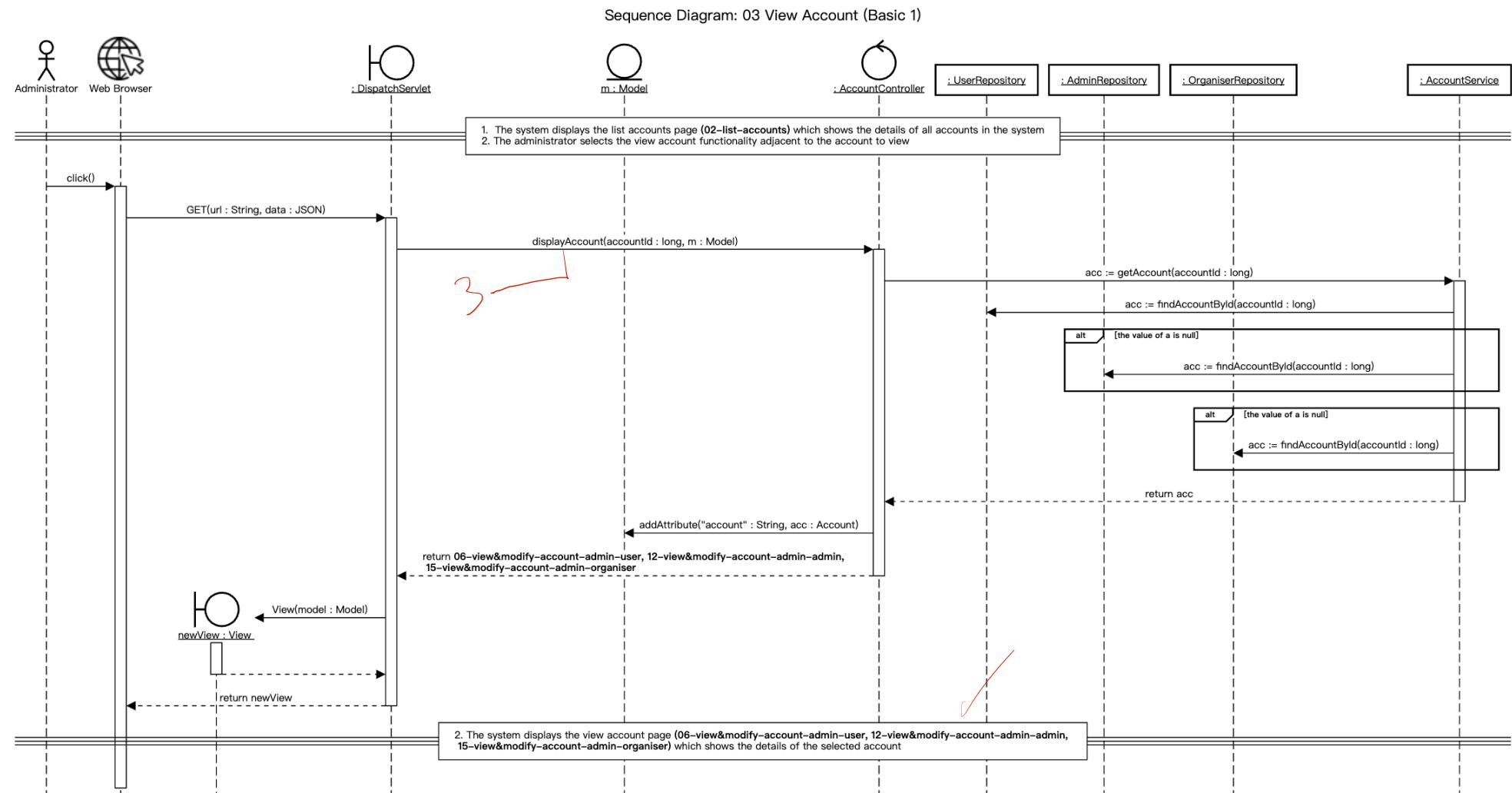
Name: XXXX  
Email: XXXXXXXX@email.com



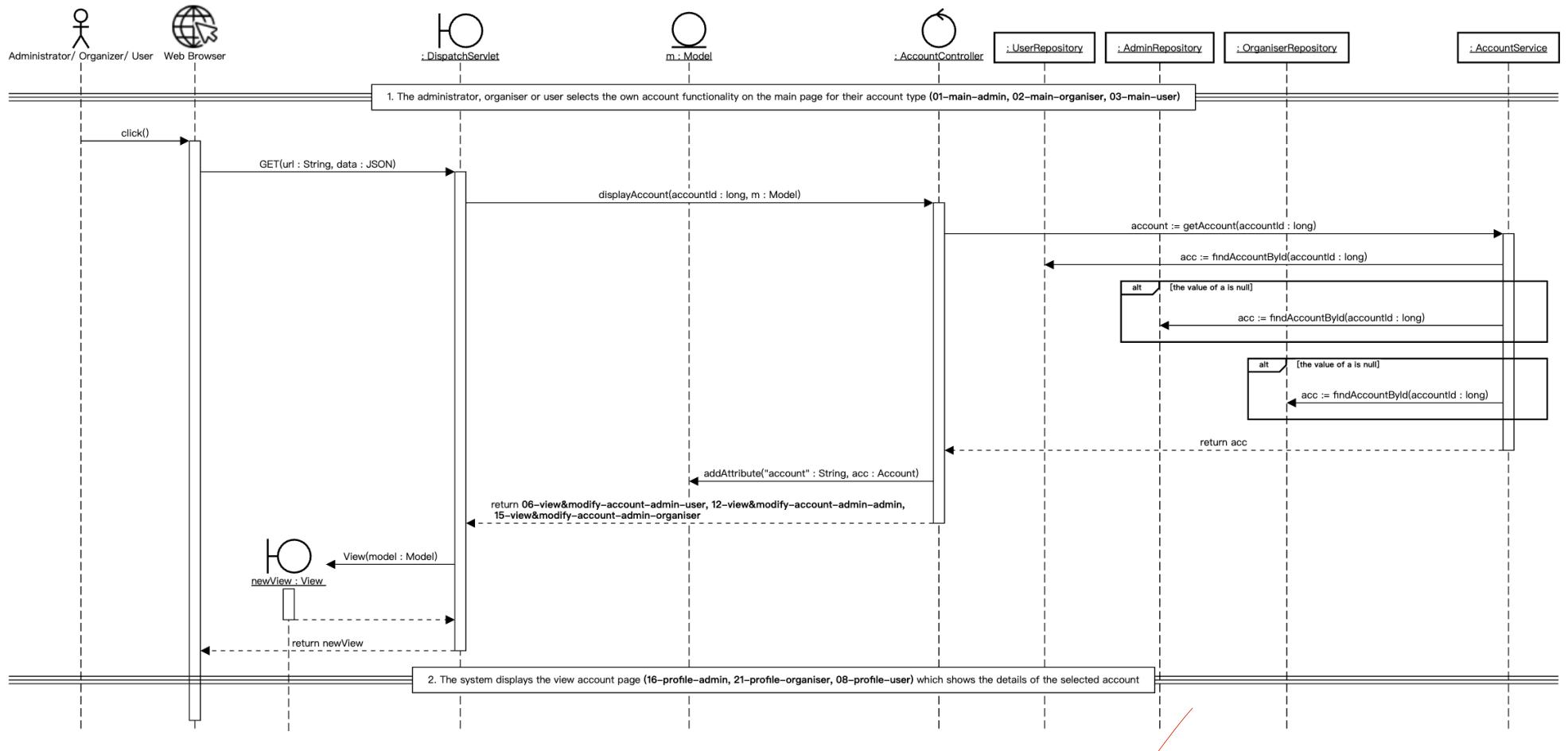
Name: XXXX  
Email: XXXXXXXX@email.com

## Use Case 03 - View Account

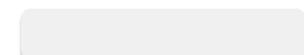
### 01 - Basic Course of Events



Sequence Diagram: 03 View Account (Basic 2)



## Relevant UI Sketches

[Events](#)[Profile](#)[Venues](#)[Accounts](#)[Search](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Event 7  
Name

Event 8  
Name

Main Admin Page

The image shows a user interface for an event organiser. At the top, there is a navigation bar with four items: "Home" (underlined in blue), "Profile", "My Events", and "Venues". To the right of the navigation bar is a search bar with a placeholder and a blue "Search" button. Below the navigation bar are six rectangular cards, each representing an event. The first two cards are larger and positioned above the others. The third through sixth cards are smaller and arranged in a row below them. Each card contains the text "Event" followed by a number and the word "Name".

Home      Profile      My Events      Venues

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Main Organiser Page

Home

Profile

Tickets

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Main User Page

[Home](#)[Profile](#)[Venues](#)[Accounts](#)Identification 

input email or user name.....

[Search](#)[New Account](#)

Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com



Name: XXXX  
Email: XXXXXXXX@email.com

List Accounts Page

Return



User name:  Change

Email:  Change

Password:  Change

Change Image Save Delete

View Account Page (Admin-User)

Return



Administrator name: Lily

Email: 12345678@163.com

Password: \*\*\*\*\*

View Account Page (Admin-Admin)

[Return](#)

  
[Change Image](#)

Organizer Name:	Lily	<a href="#">Change</a>
Email:	12345678@163.com	<a href="#">Change</a>
Password:	*****	<a href="#">Change</a>
Company Name:	XXXXXX	<a href="#">Change</a>
Telephone:	XXXX-XXXXXX	<a href="#">Change</a>
Address:	XX Street, XX Road	<a href="#">Change</a>

[Save](#) [Delete](#)

View Account Page (Admin-Organiser)

Page Name

Image

<a href="#">Home</a>	<a href="#">Profile</a>	<a href="#">Venues</a>	<a href="#">Accounts</a>
	<p>Administrator Name: <input type="text" value="Lily"/> <a href="#">Change</a></p> <p>Email: <input type="text" value="12345678@163.com"/> <a href="#">Change</a></p> <p>Password: <input type="password" value="*****"/> <a href="#">Change</a></p> <p><a href="#">Change Image</a></p> <p><a href="#">Save</a></p>	<a href="#">Sign out</a>	

View Account Page (Admin)

[Home](#)[Profile](#)[My Events](#)[Venues](#)

Organizer Name:  [Change](#)

Email:  [Change](#)

Password:  [Change](#)

Company Name:  [Change](#)

Telephone:  [Change](#)

Address:  [Change](#)

[Save](#) [Sign out](#)

View Account Page (Organiser)

Page Name

Image

---

Home      Profile      Tickets



User name:  [Change](#)

Email:  [Change](#)

Password:  [Change](#)

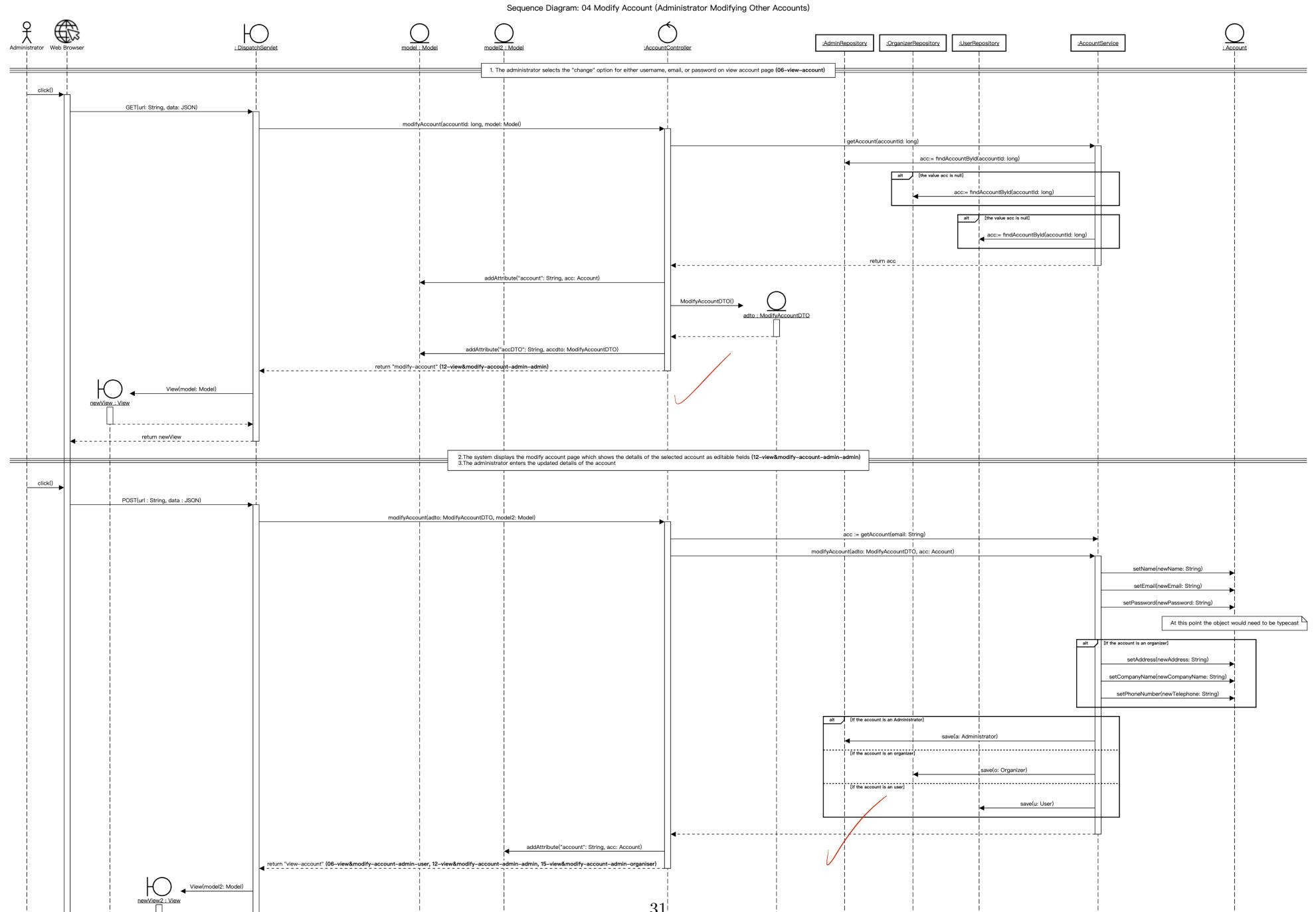
[Change Image](#) [Save](#) [Sign out](#)

View Account Page (User)

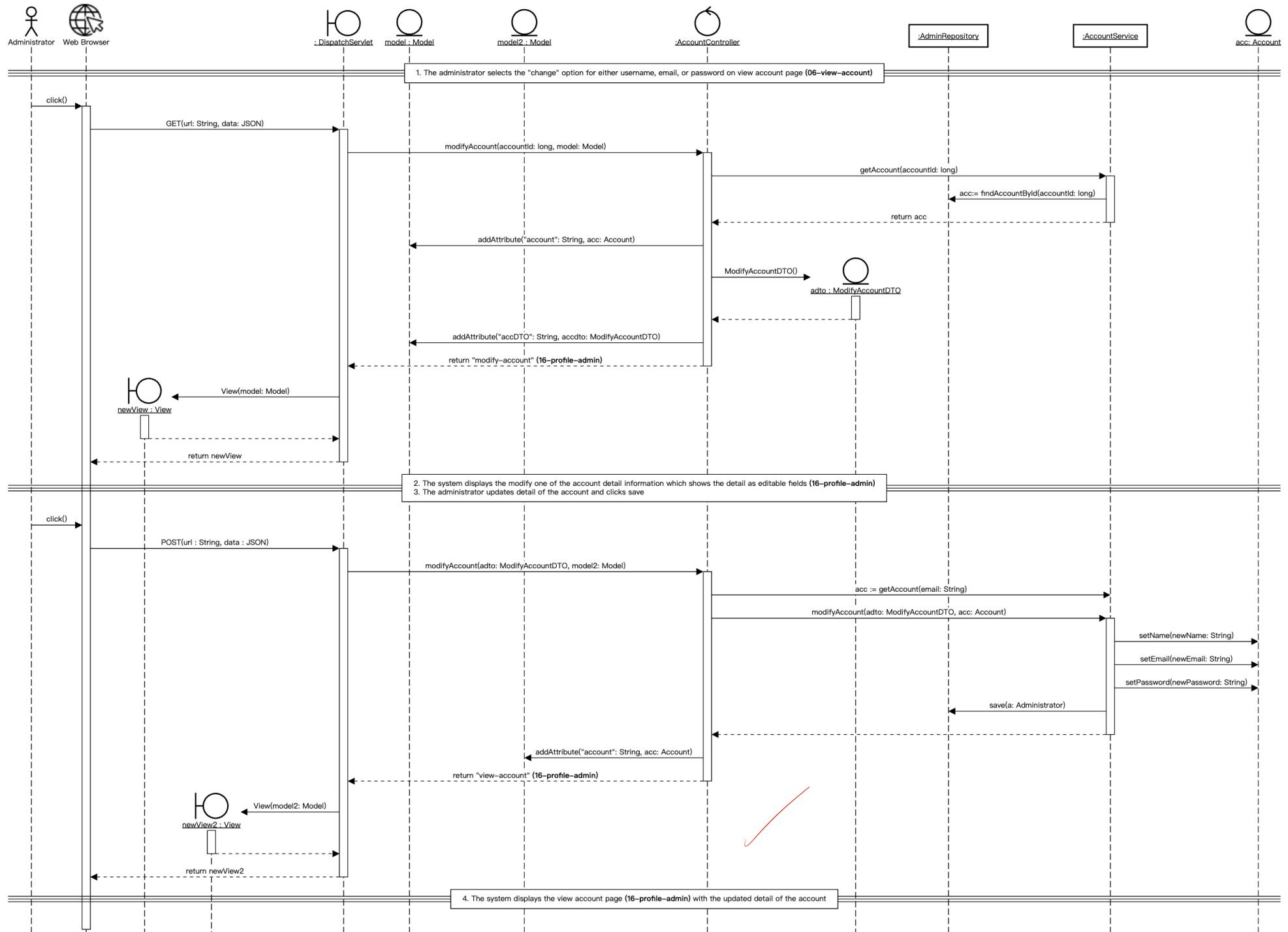
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## Use Case 04 - Modify Account

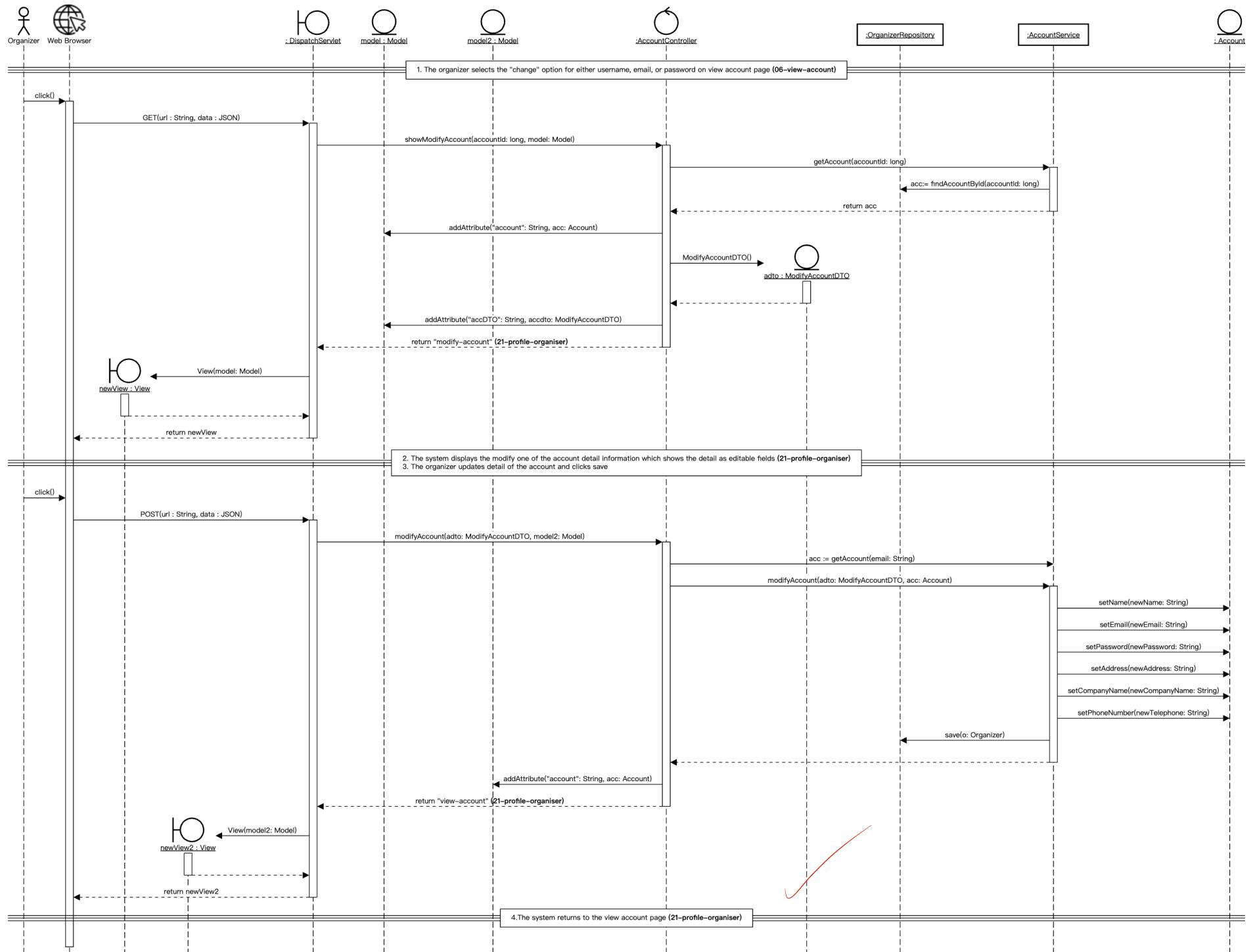
### 01 - Basic Course of Events



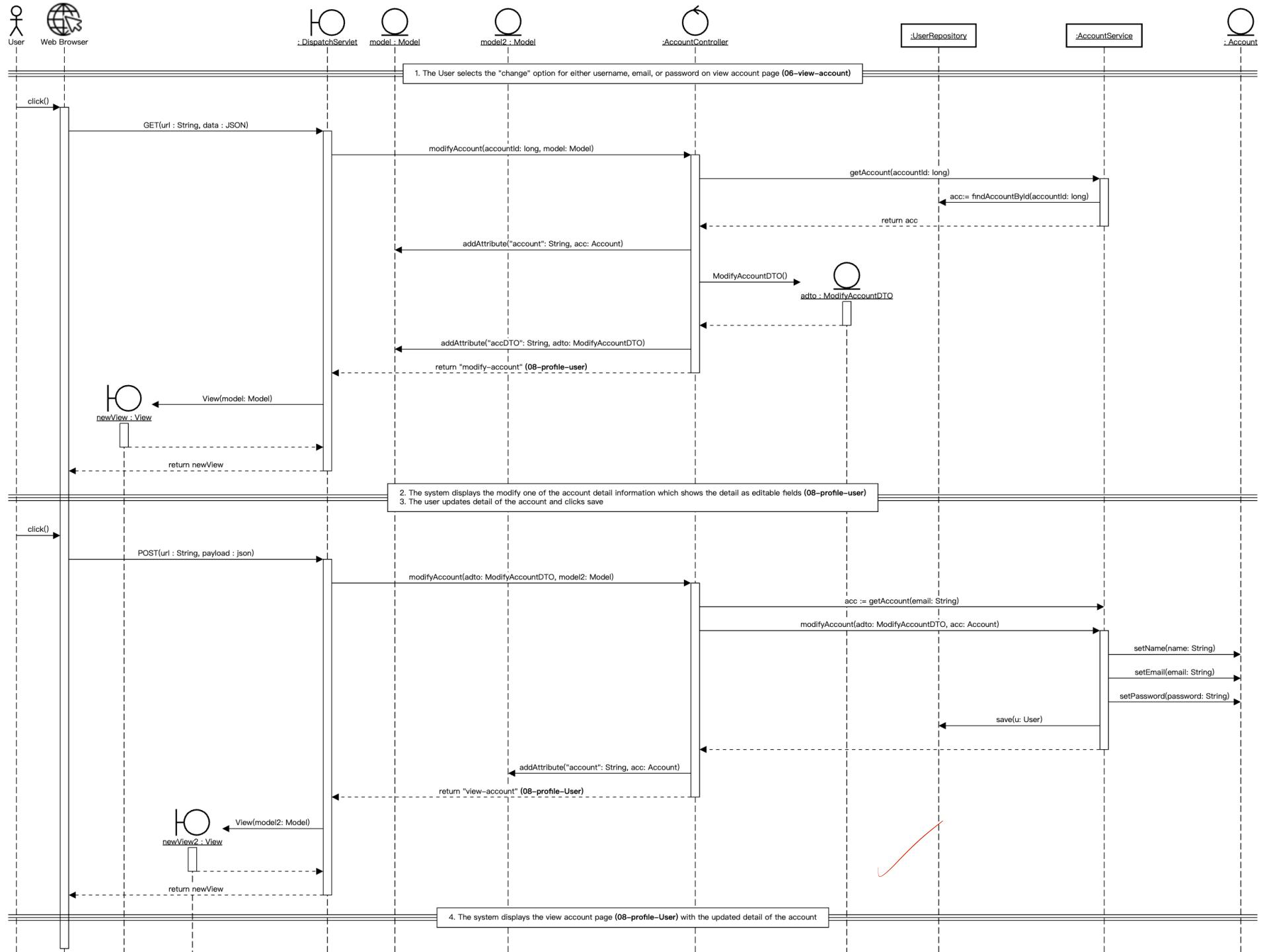
Sequence Diagram: 04 Modify Account (Administrator Modifying Their Own Account)



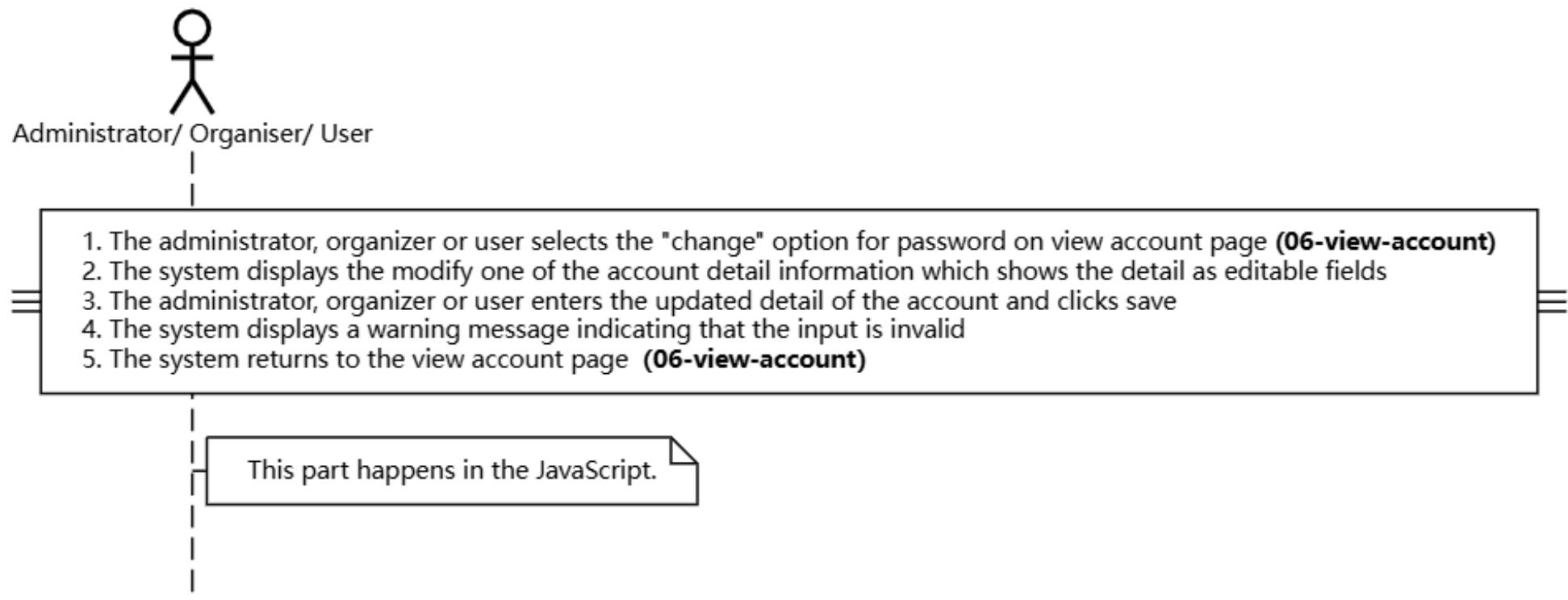
Sequence Diagram: 04 Modify Account (Organizer Modifying Their Own Account)



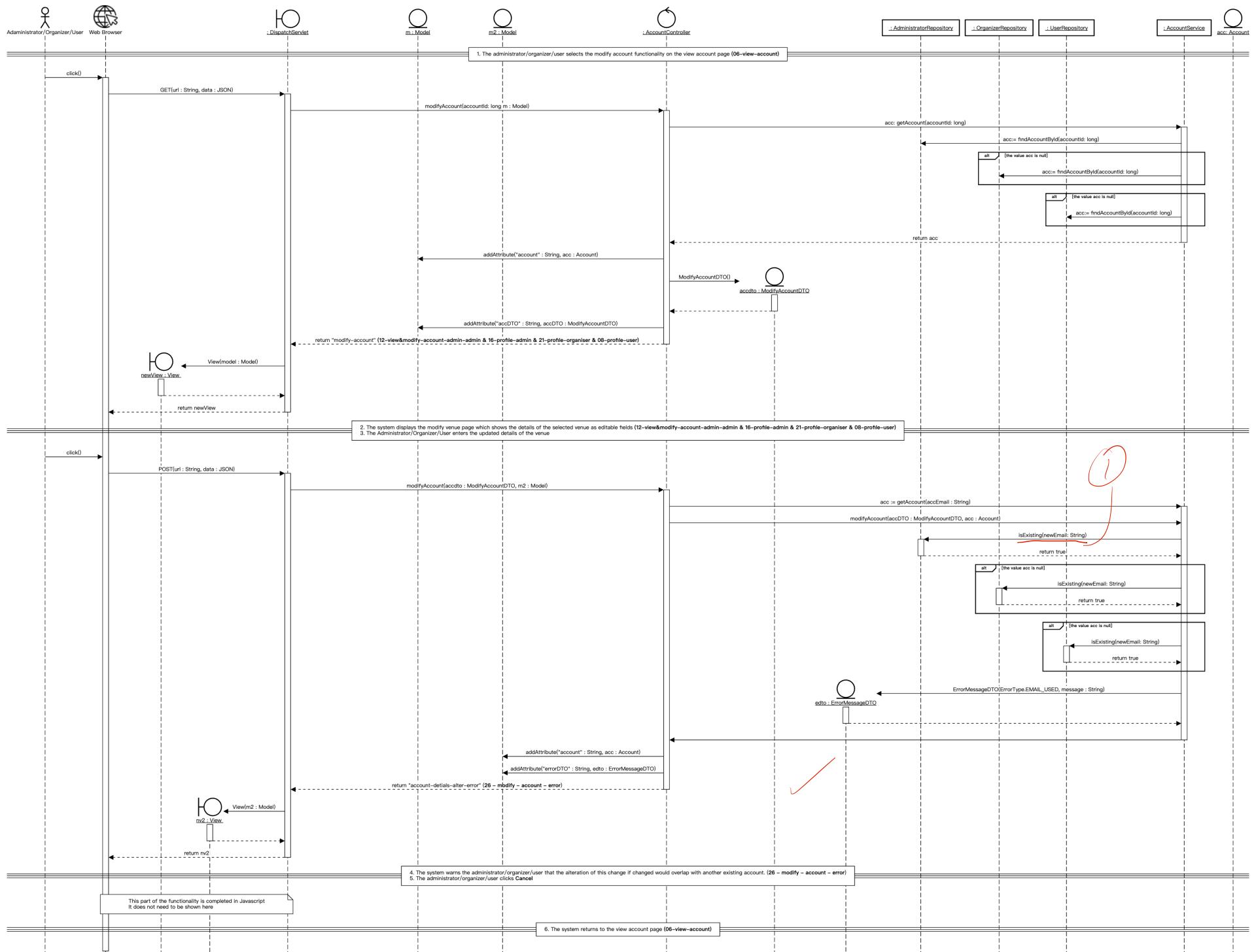
Sequence Diagram: 04 Modify Account (User Modifying Their Own Account)



## Sequence Diagram: 04 Modify Account (Alternate Course of Events - Invalid Input)



Sequence Diagram: 04 Modify Account Alternative: Overlap with Existing Account



## Relevant UI Sketches

Page Name

Image

The image shows a user interface sketch for a mobile application. At the top, there is a navigation bar with four tabs: "Home", "Profile", "Venues", and "Accounts". The "Accounts" tab is currently selected, indicated by a blue underline and a blue border around the tab itself. Below the navigation bar is a search bar area. On the left, there is a dropdown menu labeled "Identification" with a downward arrow icon. To its right is a text input field containing the placeholder text "input email or user name.....". To the right of the input field are two blue buttons: "Search" and "New Account". The main content area displays a grid of six account cards. Each card contains a blue circular profile icon with a white person symbol. To the right of each icon, the account details are listed: "Name: XXXX" and "Email: XXXXXXXX@email.com". The cards are arranged in two rows of three. A small yellow vertical bar is located on the right side of the second row.

Account Index	Name	Email
1	XXXX	XXXXXXX@email.com
2	XXXX	XXXXXXX@email.com
3	XXXX	XXXXXXX@email.com
4	XXXX	XXXXXXX@email.com
5	XXXX	XXXXXXX@email.com
6	XXXX	XXXXXXX@email.com

List Accounts Page

[Return](#)

  
[Change Image](#)

User name:

Lily

[Change](#)

Email:

12345678@163.com

[Change](#)

Password:

\*\*\*\*\*

[Change](#)

[Save](#)   [Delete](#)

View Account Page (Admin-User)

Return



Administrator name: Lily [Change](#)

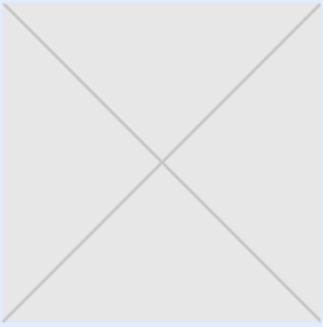
Email: 12345678@163.com [Change](#)

Password: \*\*\*\*\* [Change](#)

[Change Image](#) [Save](#) [Delete](#)

View Account Page (Admin-Admin)

[Return](#)

  
[Change Image](#)

Organizer Name:	Lily	<a href="#">Change</a>
Email:	12345678@163.com	<a href="#">Change</a>
Password:	*****	<a href="#">Change</a>
Company Name:	XXXXXX	<a href="#">Change</a>
Telephone:	XXXX-XXXXXX	<a href="#">Change</a>
Address:	XX Street, XX Road	<a href="#">Change</a>

[Save](#) [Delete](#)

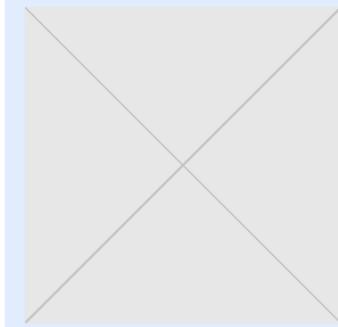
View Account Page (Admin-Organiser)

Page Name

Image

<a href="#">Home</a>	<a href="#">Profile</a>	<a href="#">Venues</a>	<a href="#">Accounts</a>
----------------------	-------------------------	------------------------	--------------------------

---

  
[Change Image](#)

Administrator Name:  [Change](#)

Email:  [Change](#)

Password:  [Change](#)

[Save](#)[Sign out](#)

View Account Page (Admin)

---

Home      **Profile**      My Events      Venues

---

  
[Change Image](#)

Organizer Name:  [Change](#)

Email:  [Change](#)

Password:  [Change](#)

Company Name:  [Change](#)

Telephone:  [Change](#)

Address:  [Change](#)

[Save](#)      [Sign out](#)

View Account Page (Organiser)

Page Name

Image

---

Home      **Profile**      Tickets

---

  
[Change Image](#)

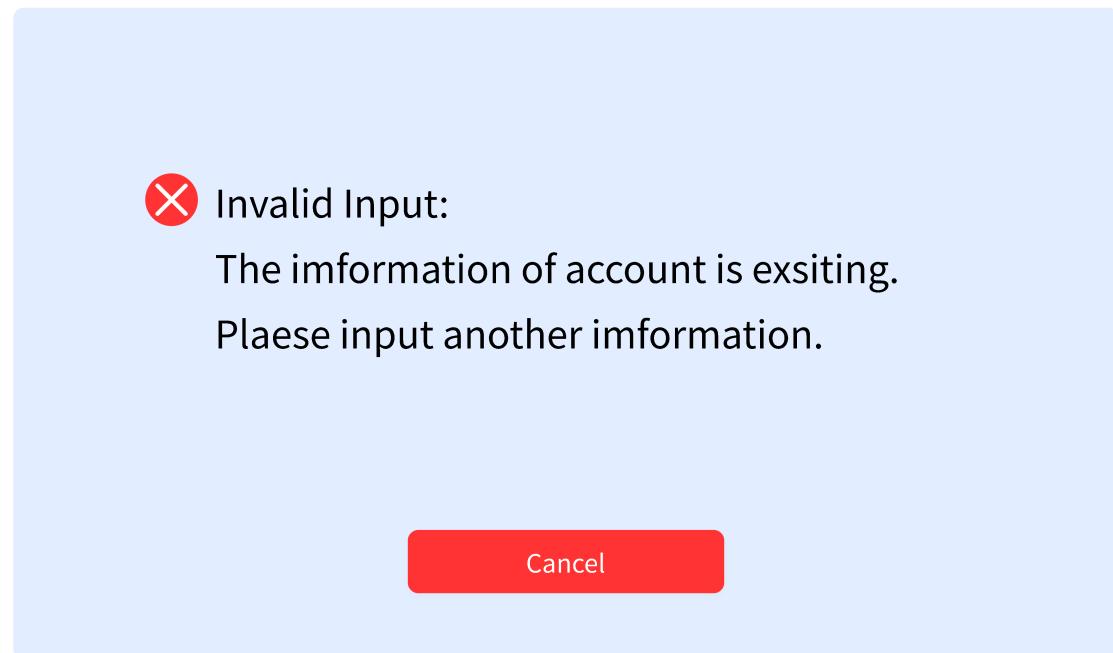
**User name:**  [Change](#)

**Email:**  [Change](#)

**Password:**  [Change](#)

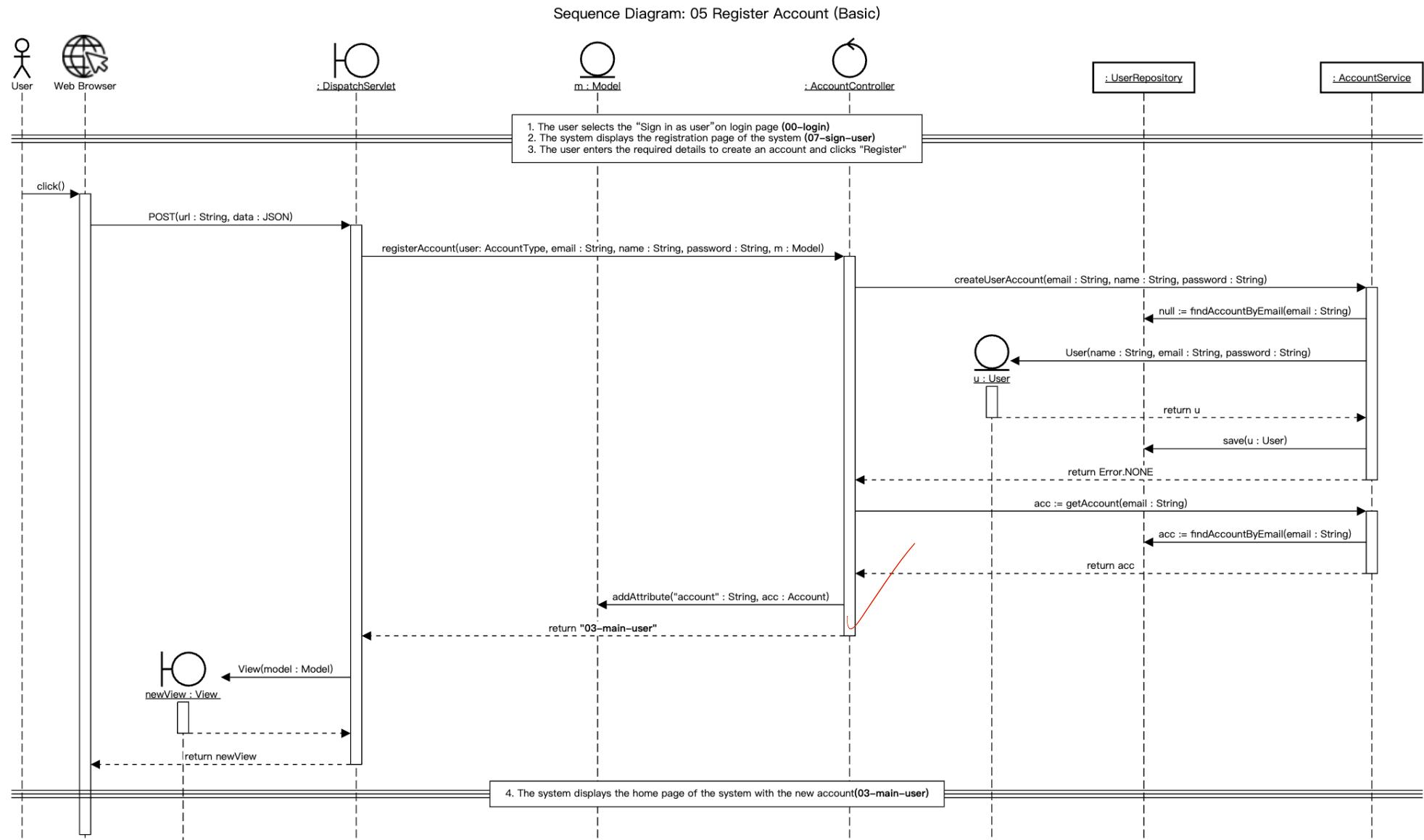
[Save](#) [Sign out](#)

View Account Page (User)



## Use Case 05 - Register Account

### 01 - Basic Course of Events



## 02 - Alternate Course of Events

### Sequence Diagram: 05 Register Account (Alternate 1: Courses of Events - Invalid Input)

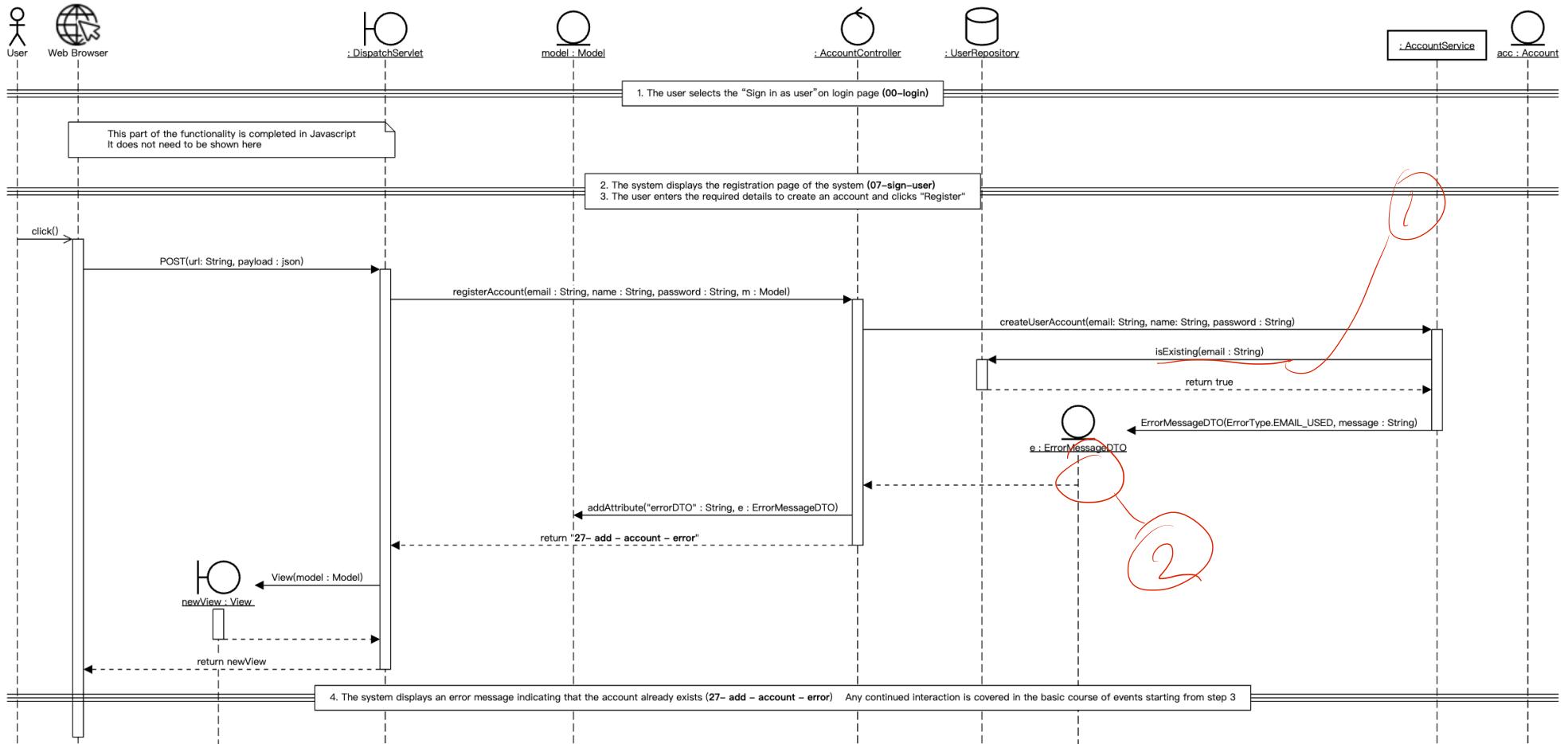


User

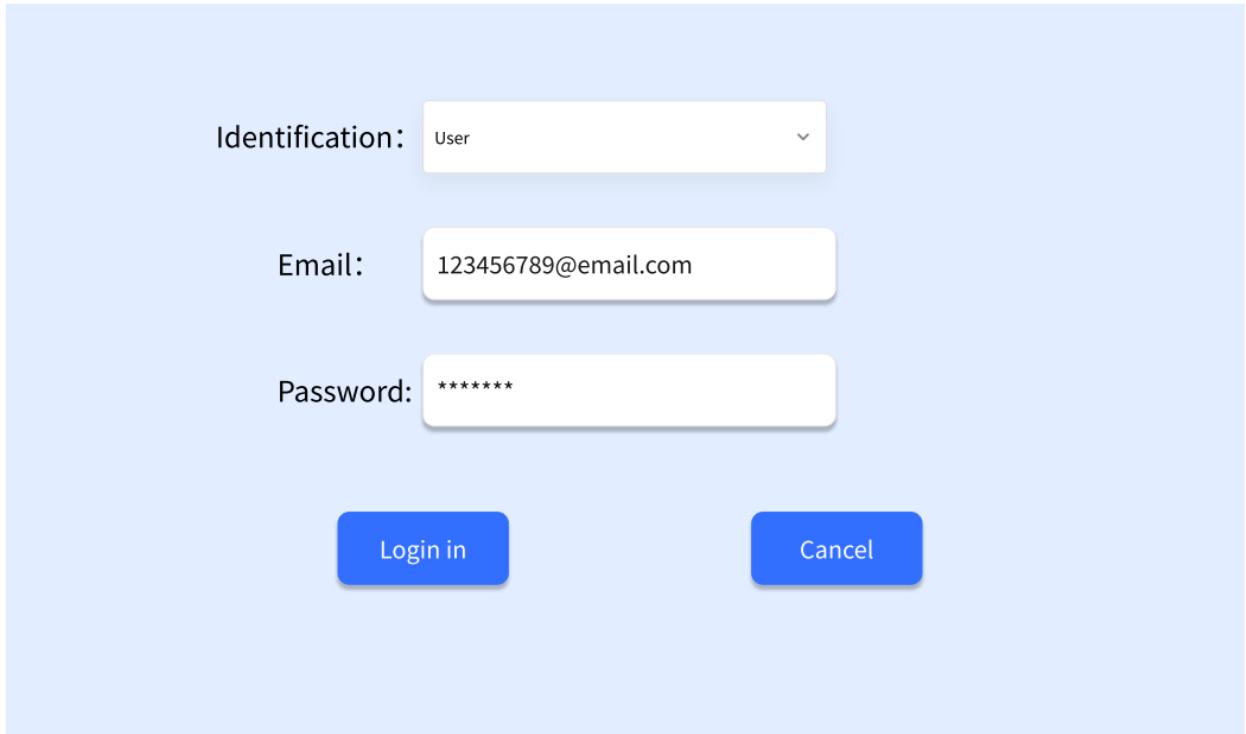
This part happens in the JavaScript.

1. The user selects the create account functionality
2. The system displays an input form to get the required details (details required are based on the type of account being created) (02-sign-user)
3. The user enters the details of the account
4. The system displays an error message indicating that some inputs are invalid
5. The user clicks OK
6. The system returns to the create account page (02-sign-user)

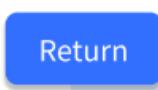
Sequence Diagram: 05 Register Account (Alternate Courses of Events – Account Already Exists)



## Relevant UI Sketches

A screenshot of a login interface. At the top right is a blue button labeled "Sign in as user". Below it is a dropdown menu labeled "Identification" with "User" selected. The next row contains a label "Email:" followed by the value "123456789@email.com". The final row contains a label "Password:" followed by a masked value "\*\*\*\*\*". At the bottom are two blue buttons: "Login in" on the left and "Cancel" on the right.  
Sign in as user

Login Page

Return

Name: XXXX

Email: 123456789@email.com

Password: \*\*\*\*\*

Verify Password: \*\*\*\*\*

Sign inCancel

Sign Page

Home

Profile

Tickets

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Main User Page



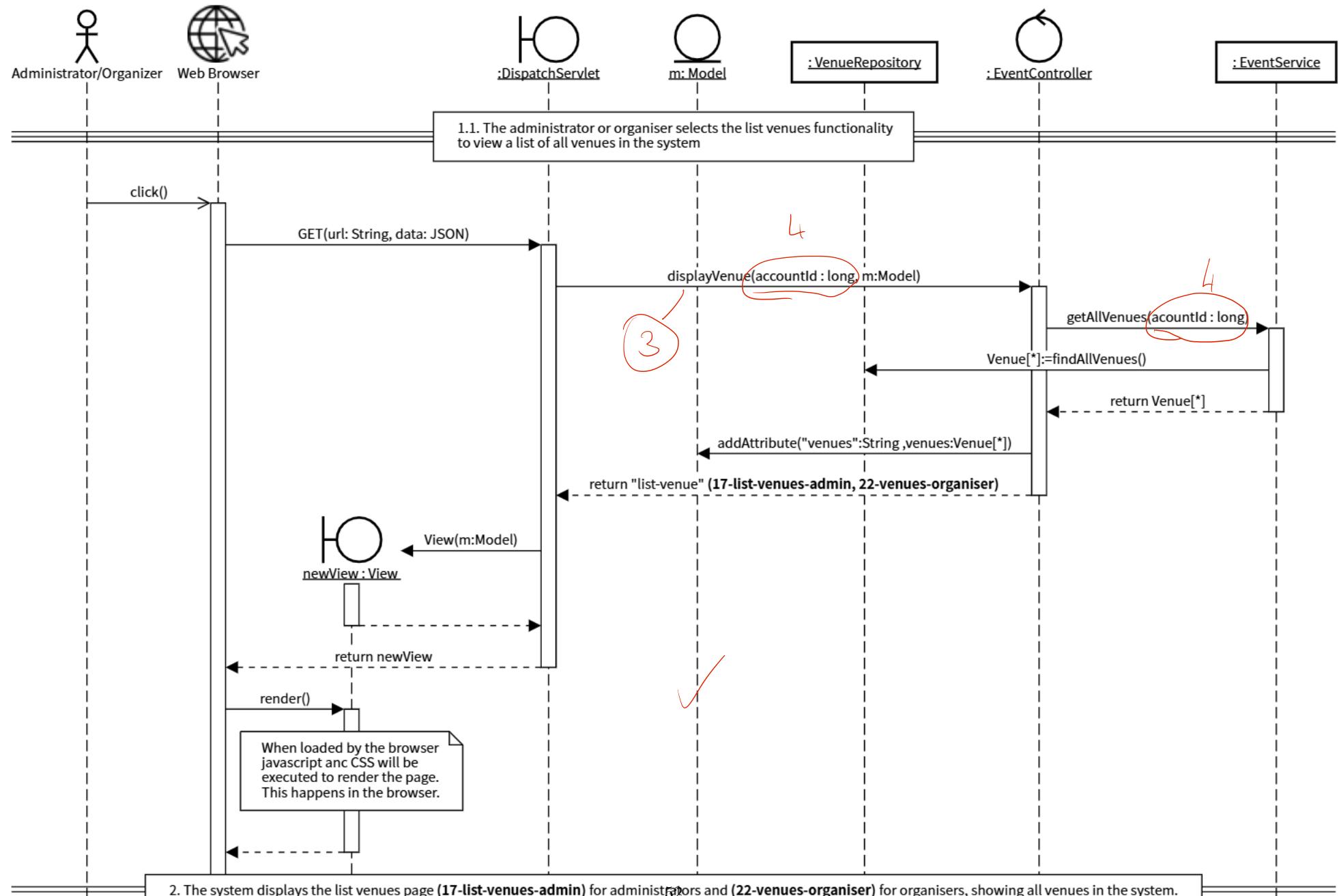
## Duplicate Email

An account with that email address already exists.

## Use Case 06 - List Venues

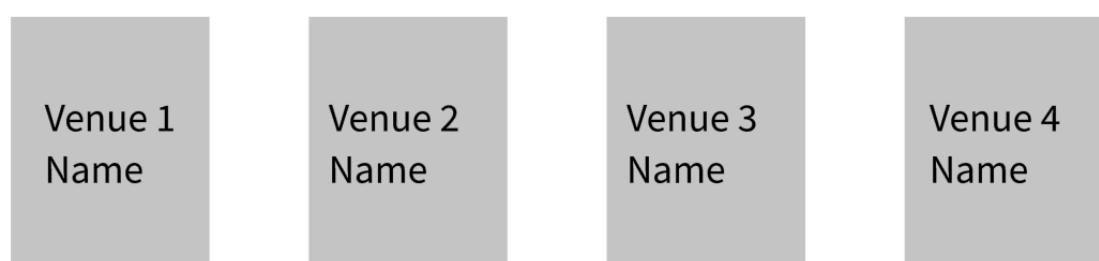
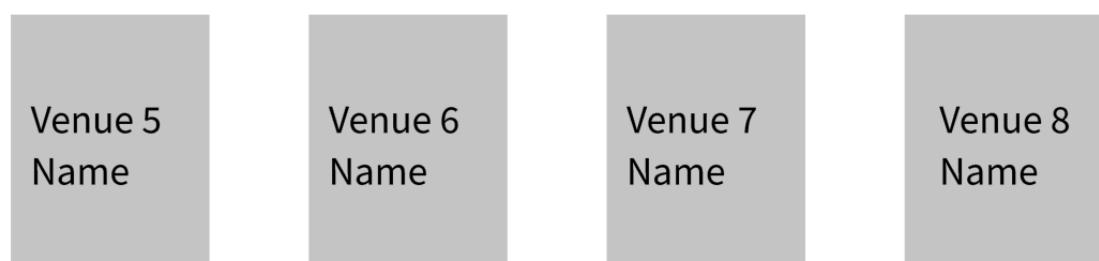
### 01 - Basic Course of Events

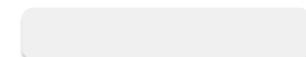
Sequence Diagram: 06 List Venues



2. The system displays the list venues page (17-list-venues-admin) for administrators and (22-venues-organiser) for organisers, showing all venues in the system.

## Related UI Prototypes

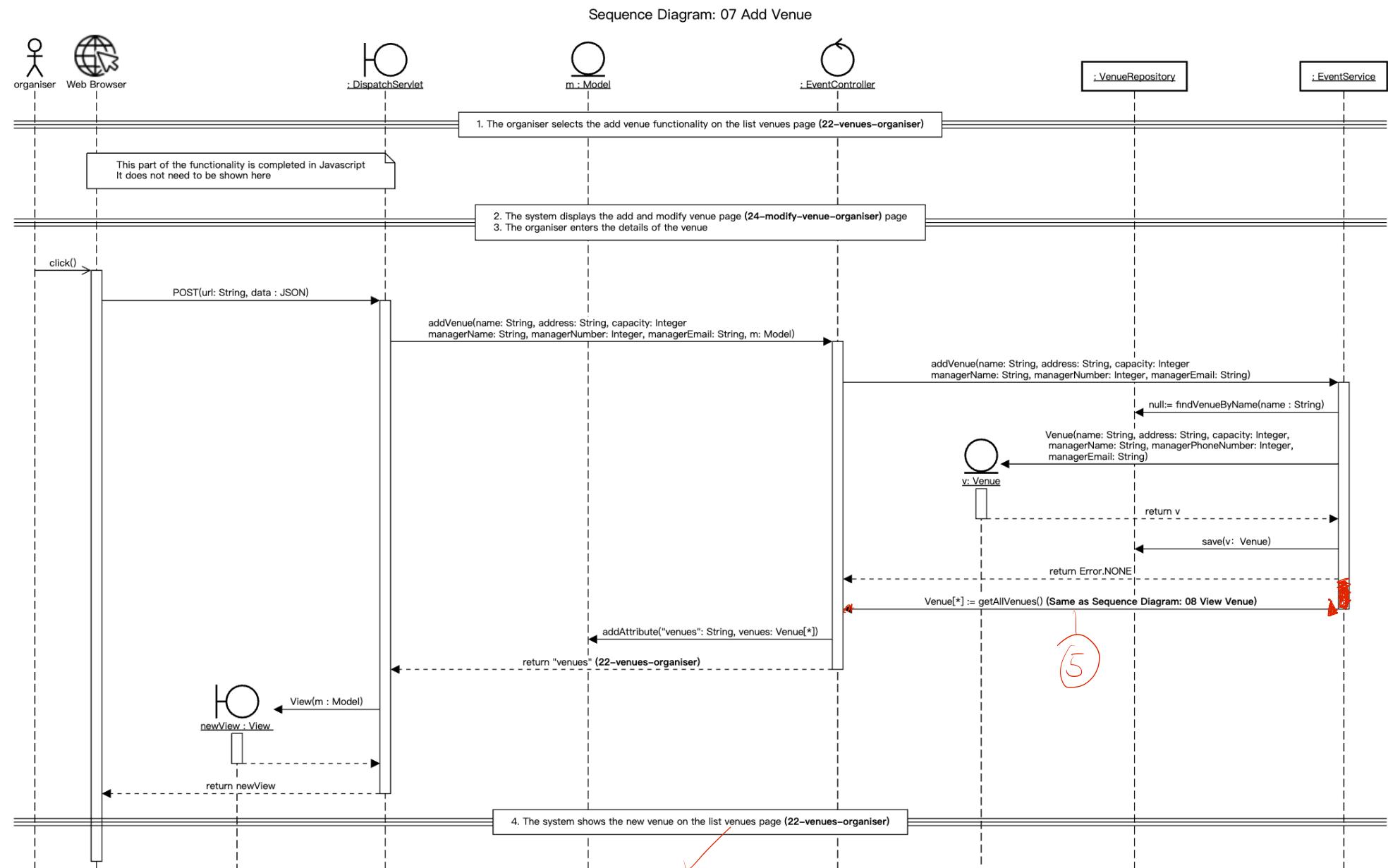
Page Name	Image
	
	
	
The List Venues Page(Administrator)	

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)[New Venue](#)Venue 1  
NameVenue 2  
NameVenue 3  
NameVenue 4  
NameVenue 5  
NameVenue 6  
NameVenue 7  
NameVenue 8  
Name

The List Venues Page(Organiser)

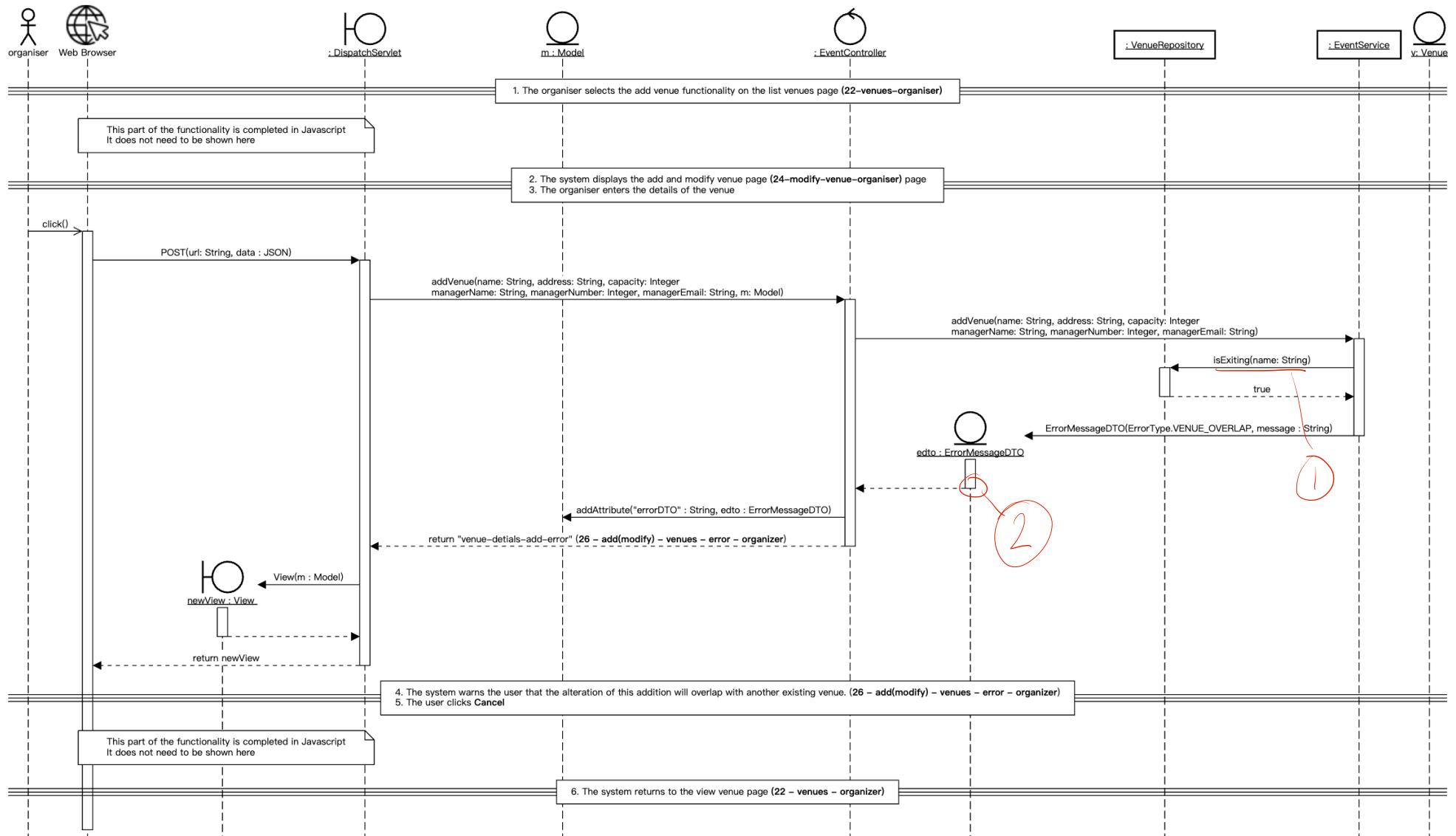
## Use Case 07 - Add Venue

### 01 - Basic Course of Events



## 02 - Alternate Course of Events - Overlap with Existing Venue

Sequence Diagram: 07 Add Venue Alternative: Overlap with Existing Venue



Related UI Prototypes

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Page Name	Image
	<p>A screenshot of a web application interface. At the top, there is a navigation bar with links: Home, Profile, My Events, Venues (which is underlined, indicating it is the active page), and a search bar. Below the navigation bar, there is a blue button labeled "New Venue". The main content area displays a grid of eight rectangular cards, each representing a venue. The cards are arranged in two rows of four. Each card contains the text "Venue [number] Name". The first row contains cards for "Venue 1 Name", "Venue 2 Name", "Venue 3 Name", and "Venue 4 Name". The second row contains cards for "Venue 5 Name", "Venue 6 Name", "Venue 7 Name", and "Venue 8 Name".</p>

The List Venues Page(Organiser)

[Return](#)

Venue Name:

XXXX

[Change](#)

Address:

XXXX

[Change](#)

Total Capacity:

XXXX

[Change](#)

Price Classification:

XXXX

[Change](#)

Local Contact:

Name:

XXXX

[Change](#)

Phone Number:

XXXX

[Change](#)

Email:

XXXX

[Change](#)

[Save](#)

[Cancel](#)

The Add and Modify Venue Page |



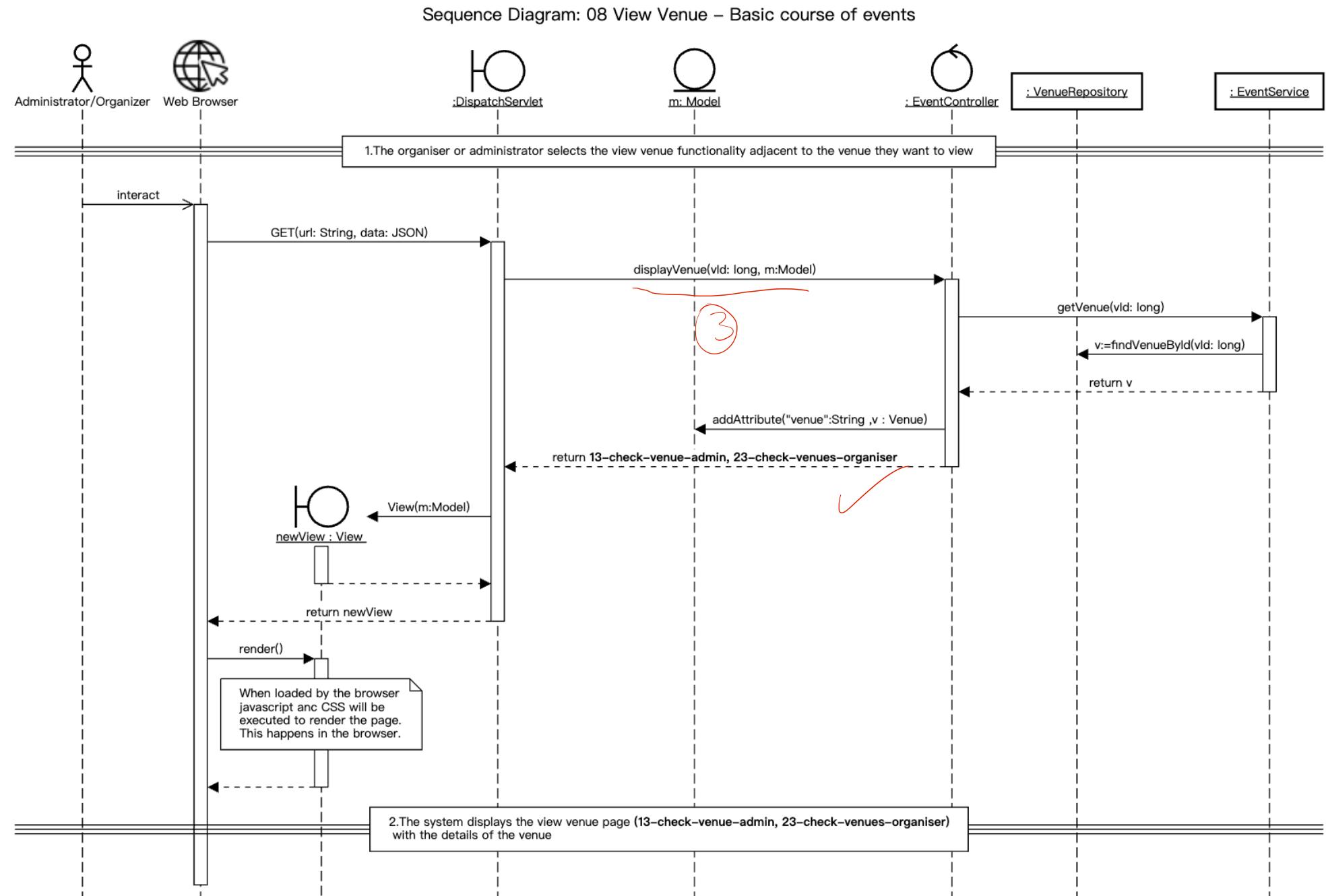
Invalid Input:

The imformation of venue is exsiting.  
Plaese input another imformation.

Cancel

## Use Case 08 - View Venue

### 01 - Basic Course of Events



## Related UI Prototypes

Page Name

Image

Home

Profile

Venues

Accounts

Search

Venue 1  
Name

Venue 2  
Name

Venue 3  
Name

Venue 4  
Name

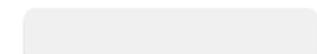
Venue 5  
Name

Venue 6  
Name

Venue 7  
Name

Venue 8  
Name

List Venues Page (Admin)

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)[New Venue](#)Venue 1  
NameVenue 2  
NameVenue 3  
NameVenue 4  
NameVenue 5  
NameVenue 6  
NameVenue 7  
NameVenue 8  
Name

List Venues Page (Organiser)

[Return](#)

Venue Name:

Address:

Total Capacity:

Price Classification:

Local Contact:

Name:

Phone Number:

Email:

Schedule:

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

[Delete](#)

View Venue Page (Admin)

[Return](#)**Venue Name:****Schedule:****Address:**

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

**Total Capacity:**

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

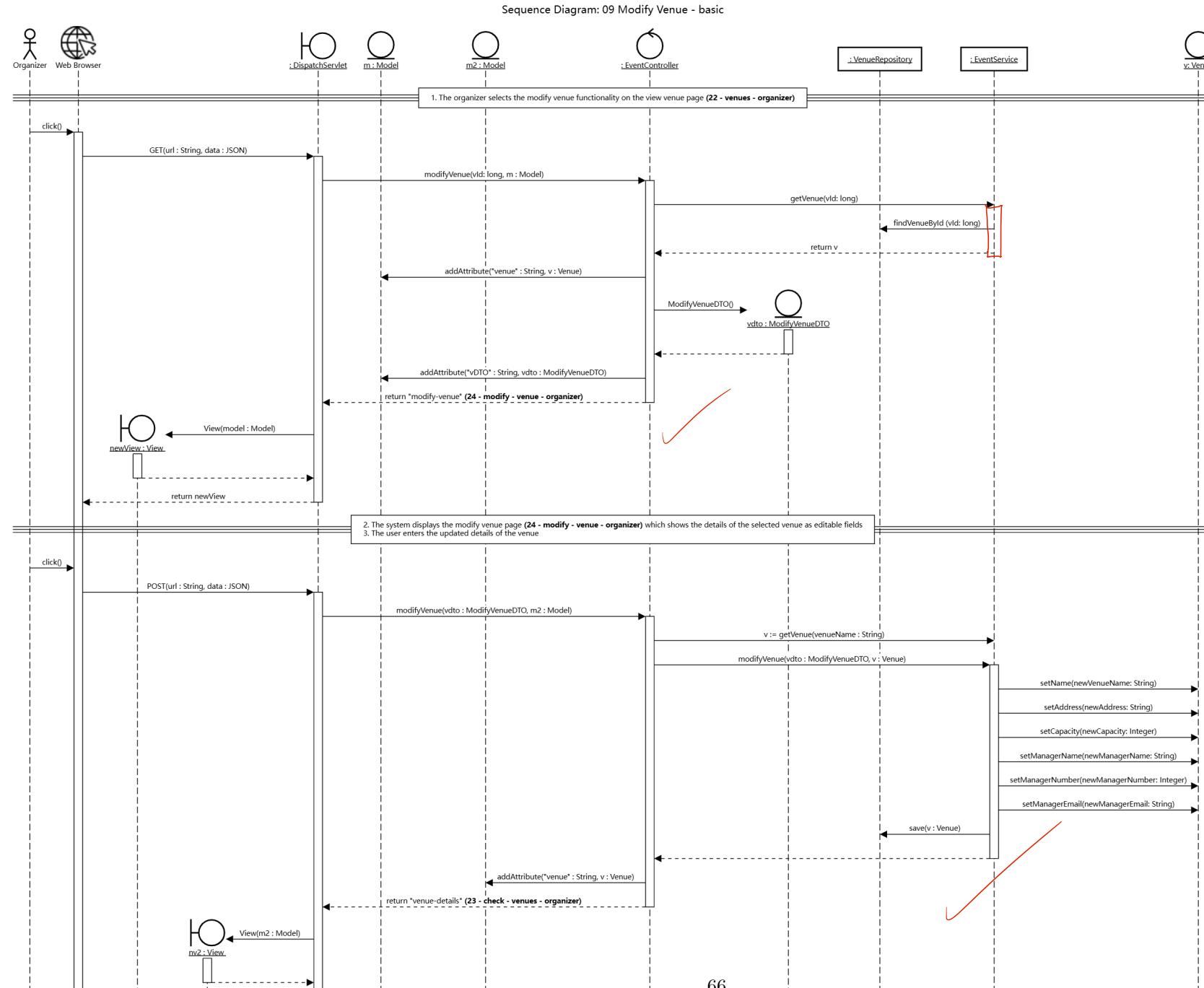
**Price Classification:**

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

**Local Contact:****Name:****Phone Number:****Email:**[Edit](#)

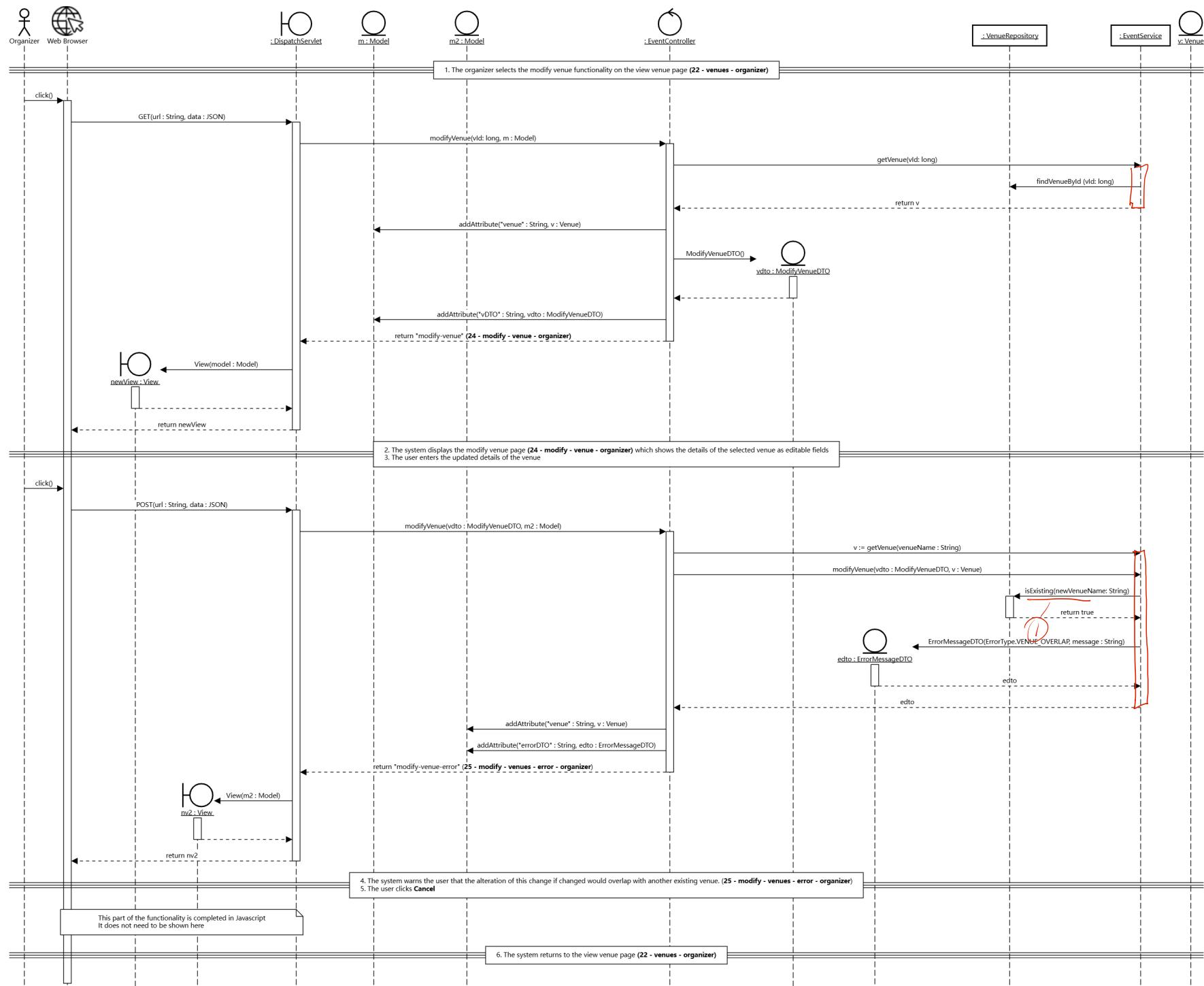
## Use Case 09 - Modify Venue

### 01 - Basic Course of Events



## 02 - Alternate Course of Events - Overlap with Existing Venue

Sequence Diagram: 09 Modify Venue Alternative: Overlap with Existing Venue



## Related UI Prototypes

Page Name

Image

Home

Profile

My Events

Venues

Search

New Venue

Venue 1  
Name

Venue 2  
Name

Venue 3  
Name

Venue 4  
Name

Venue 5  
Name

Venue 6  
Name

Venue 7  
Name

Venue 8  
Name

The List Venues Page(Organiser)

[Return](#)

Venue Name:

Schedule:

Address:

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

Total Capacity:

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

Price Classification:

&lt;Event Date&gt; &lt;Event Time&gt;&lt;Event Name&gt;

Local Contact:

Name:

Phone Number:

Email:

[Edit](#)

The Venue Detail Page(Organiser)

[Return](#)

<p><b>Venue Name:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p> <p><b>Address:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p> <p><b>Total Capacity:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p> <p><b>Price Classification:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p>	<p><b>Local Contact:</b></p> <p><b>Name:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p> <p><b>Phone Number:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p> <p><b>Email:</b> <input type="text" value="XXXX"/> <a href="#">Change</a></p>
--	--

[Save](#) [Cancel](#)

The Add and Modify Venue Page

 Invalid Input:

The imformation of venue is exsiting.  
Plaese input another imformation.

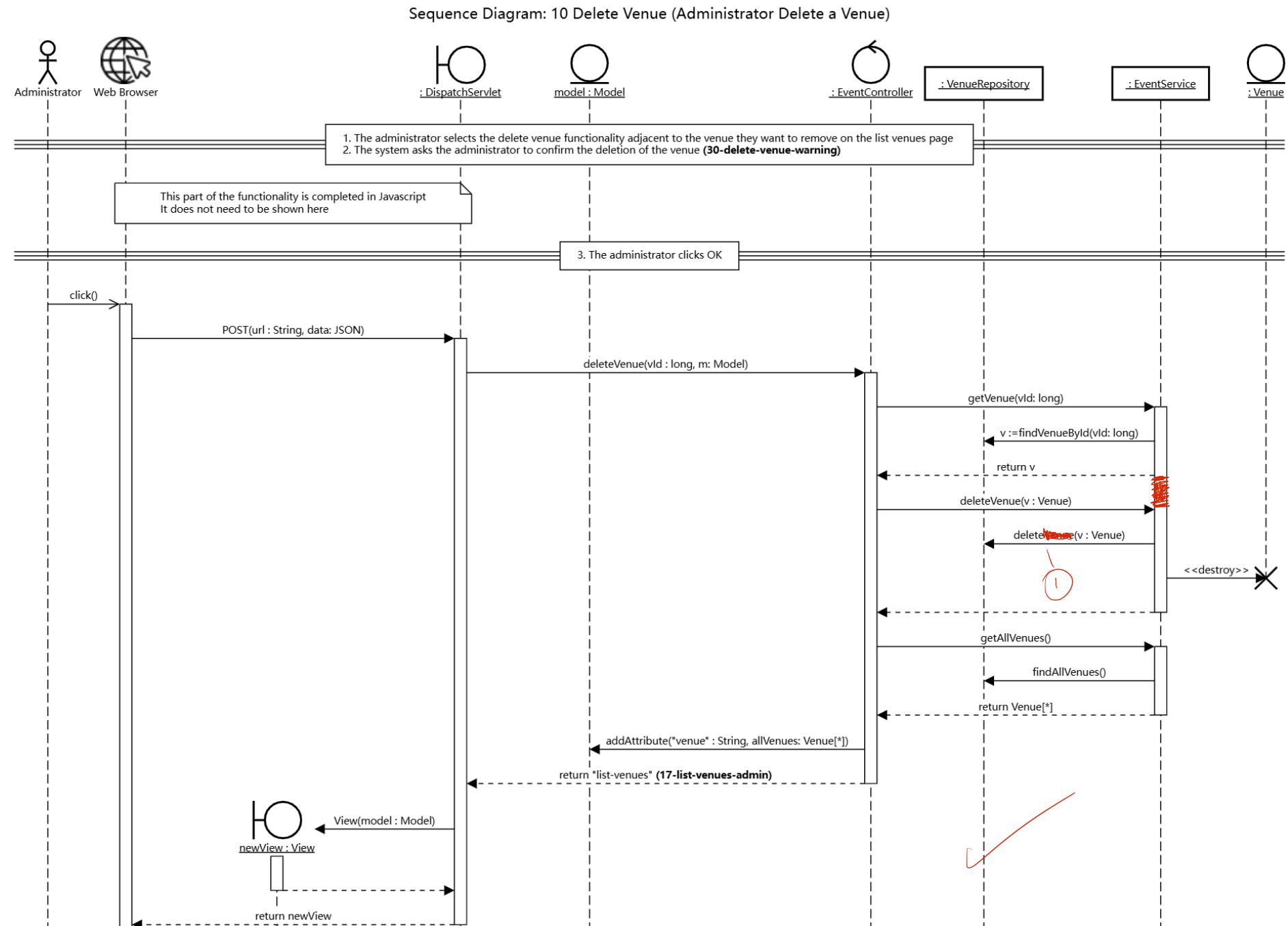
Cancel

---

The Modify Venue Error: Overlap with Existing Page

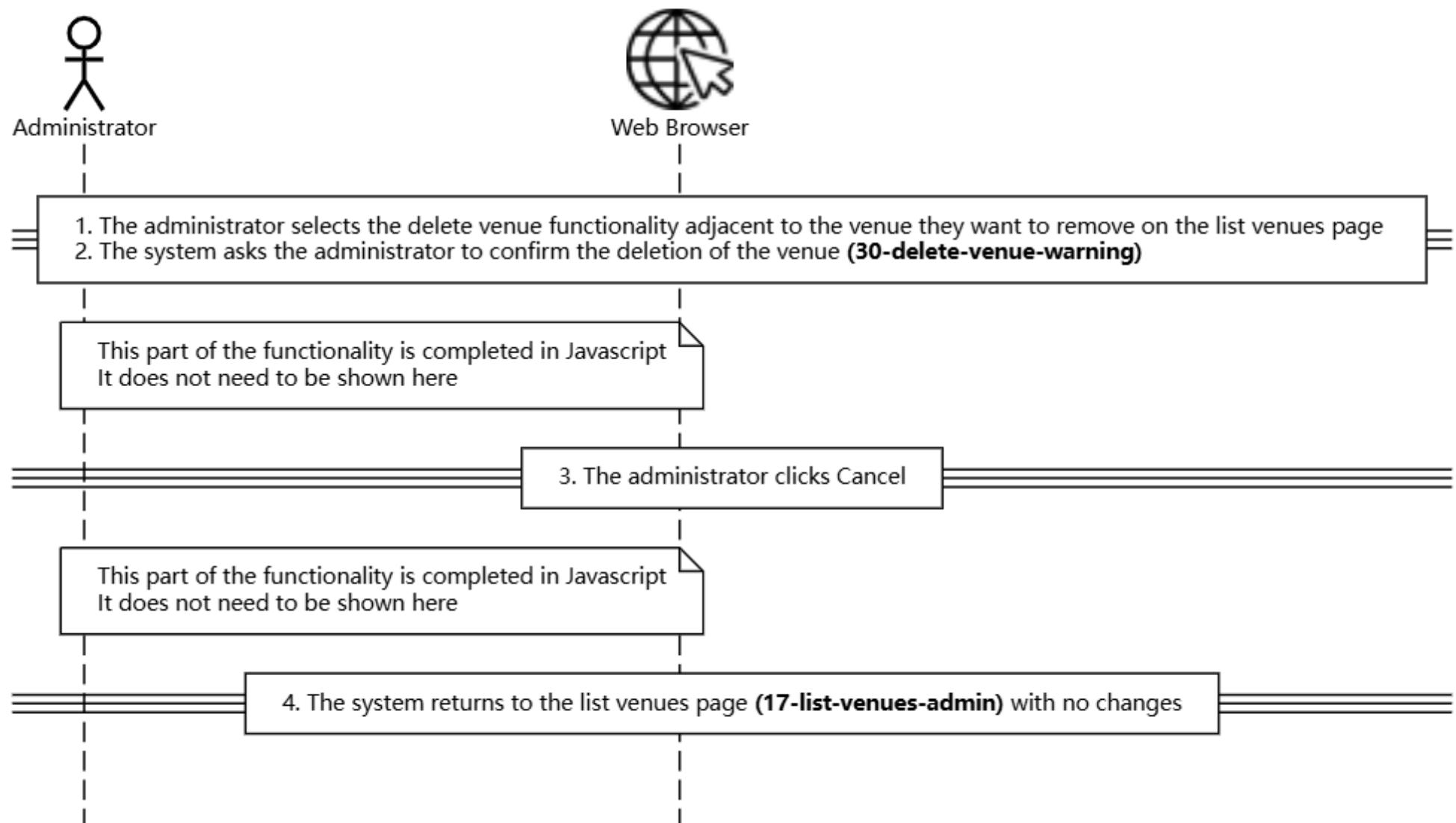
## Use Case 10 - Delete Venue

### 01 - Basic Course of Events



## 02 - Alternate Course of Events - Not Confirmed

### Sequence Diagram: 10 Delete Venue (Alternate Course of Events - Not Confirmed)



Relevant UI Sketches

[Home](#)[Profile](#)[Venues](#)[Accounts](#)[Search](#)

Venue 1  
Name

Venue 2  
Name

Venue 3  
Name

Venue 4  
Name

Venue 5  
Name

Venue 6  
Name

Venue 7  
Name

Venue 8  
Name



**Warning:**

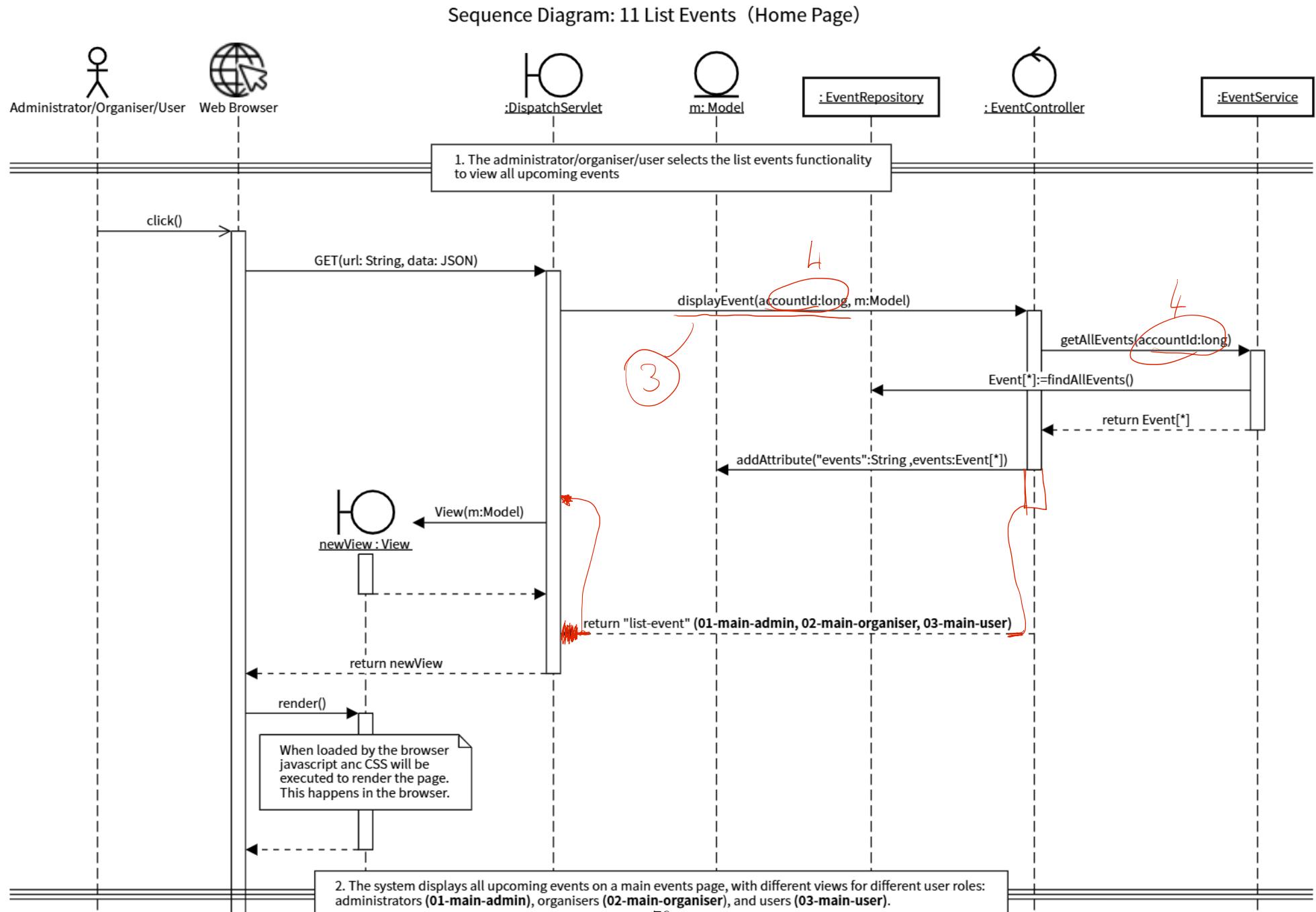
Are you sure you want to delete this venue?  
This action cannot be undone.

Delete

Cancel

## Use Case 11 - List Events (Home Page)

### 01 - Basic Course of Events



## Related UI Prototypes

Page Name	Image
	A horizontal navigation bar with four items: 'Events' (highlighted in blue), 'Profile', 'Venues', and 'Accounts'. To the right is a search input field with a placeholder and a blue 'Search' button.
	A light gray rectangular card containing the text "Event 1 Name".
	A light gray rectangular card containing the text "Event 2 Name".
	A light gray rectangular card containing the text "Event 3 Name".
	A light gray rectangular card containing the text "Event 4 Name".
	A light gray rectangular card containing the text "Event 5 Name".
	A light gray rectangular card containing the text "Event 6 Name".
	A light gray rectangular card containing the text "Event 7 Name".
	A light gray rectangular card containing the text "Event 8 Name".

The Home/Event Page(Administrator)

The Home Page(Organiser)

Home      Profile      My Events      Venues

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

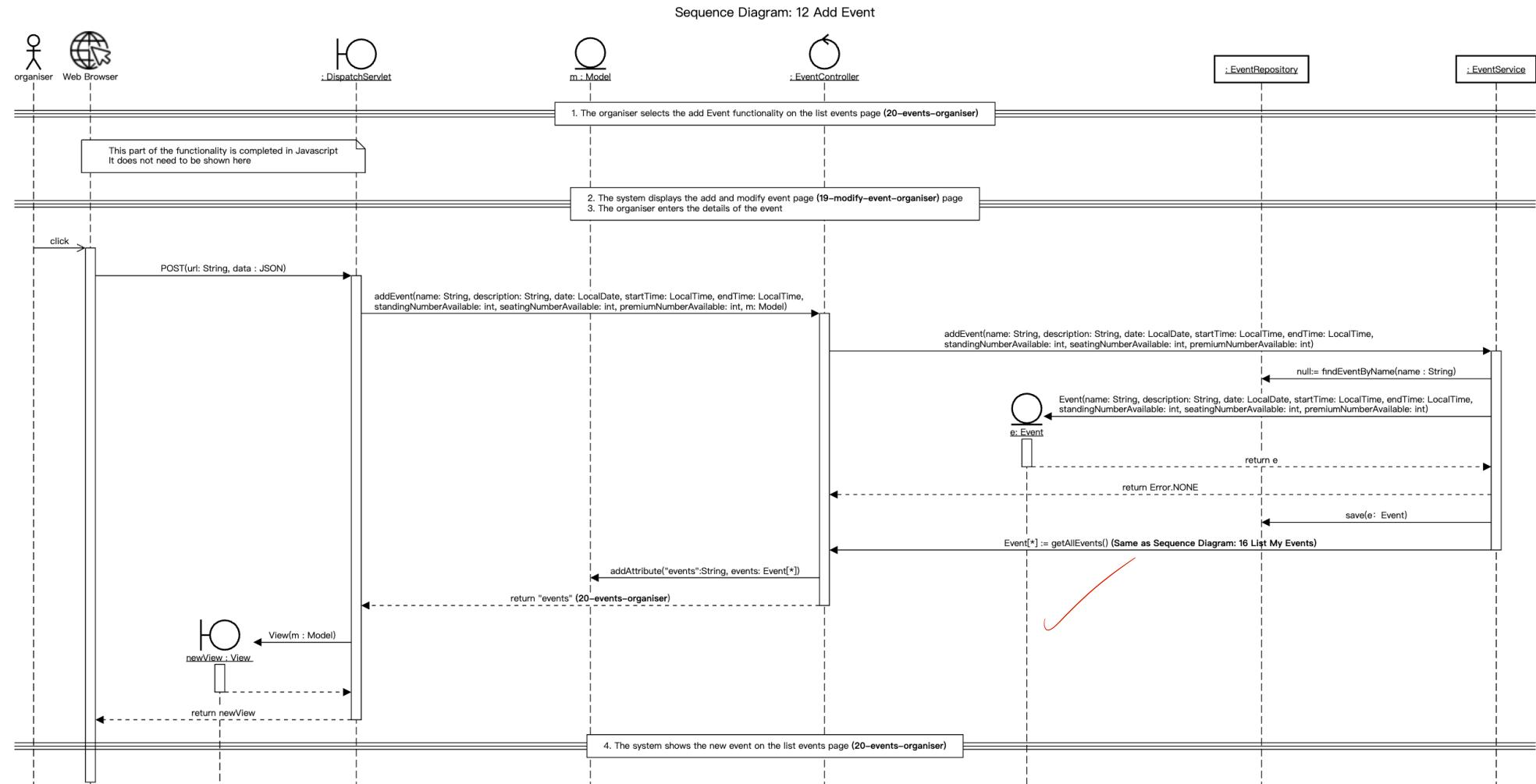
Event 6  
Name

The diagram illustrates a user interface layout. At the top, there is a horizontal navigation bar with three items: "Home" (which is underlined), "Profile", and "Tickets". To the right of the navigation bar is a search bar consisting of a white input field and a blue "Search" button. Below the navigation bar, there are two large, light-gray rectangular boxes. The left box contains the text "Event 1 Name" and the right box contains "Event 2 Name". At the bottom of the page, there are four smaller, light-gray rectangular boxes arranged in a row. From left to right, they contain the text "Event 3 Name", "Event 4 Name", "Event 5 Name", and "Event 6 Name".

The Home Page(User)

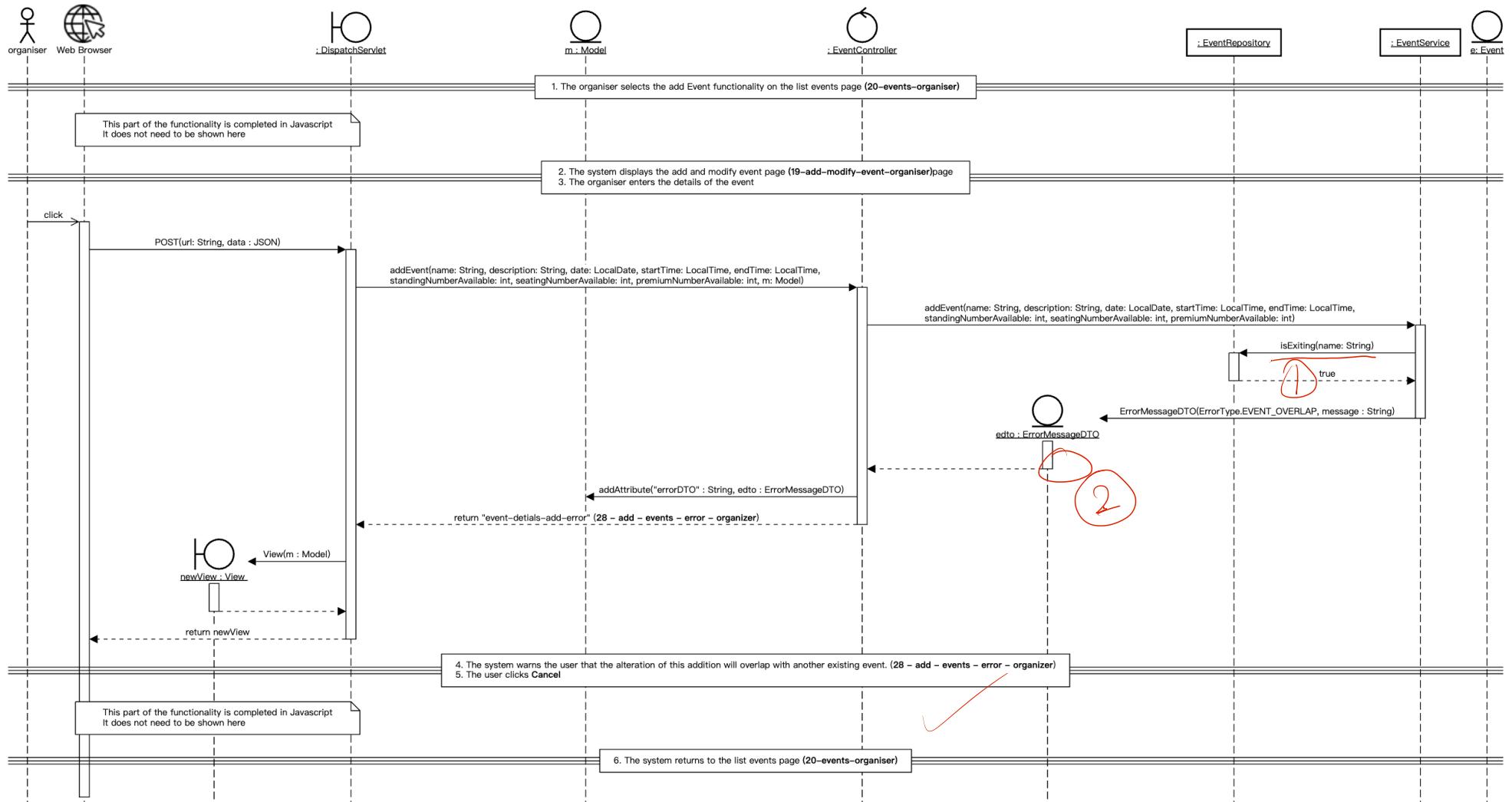
## Use Case 12 - Add Event

### 01 - Basic Course of Events



## 02 - Alternate Course of Events - Overlap with Existing Event

Sequence Diagram: 12 Add Event Alternative: Overlap with Existing Event



## Related UI Prototypes

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

[Return](#)

&lt;Description&gt;

xxxx

[Change](#)**Event Name:**

xxxx

[Change](#)**Venue No.**

Venue1

**Date:**

xxxx

[Change](#)**Time:**

xxxx

[Change](#)**Price:**[Change](#)**Total Number:**

xxxx

[Change](#)[Save](#)[Cancel](#)

The Add and Modify Event Page

Page Name	Image								
	<p>The navigation bar includes a 'Search' button and a 'New Event' button.</p> <p>Below the navigation bar are two rows of four event cards each, showing placeholder names for events 1 through 8.</p> <table border="1"><tbody><tr><td>Event 1 Name</td><td>Event 2 Name</td><td>Event 3 Name</td><td>Event 4 Name</td></tr><tr><td>Event 5 Name</td><td>Event 6 Name</td><td>Event 7 Name</td><td>Event 8 Name</td></tr></tbody></table>	Event 1 Name	Event 2 Name	Event 3 Name	Event 4 Name	Event 5 Name	Event 6 Name	Event 7 Name	Event 8 Name
Event 1 Name	Event 2 Name	Event 3 Name	Event 4 Name						
Event 5 Name	Event 6 Name	Event 7 Name	Event 8 Name						

The List Events Page(Organiser)



Invalid Input:

The imformation of event is exsiting.

Please add another one.

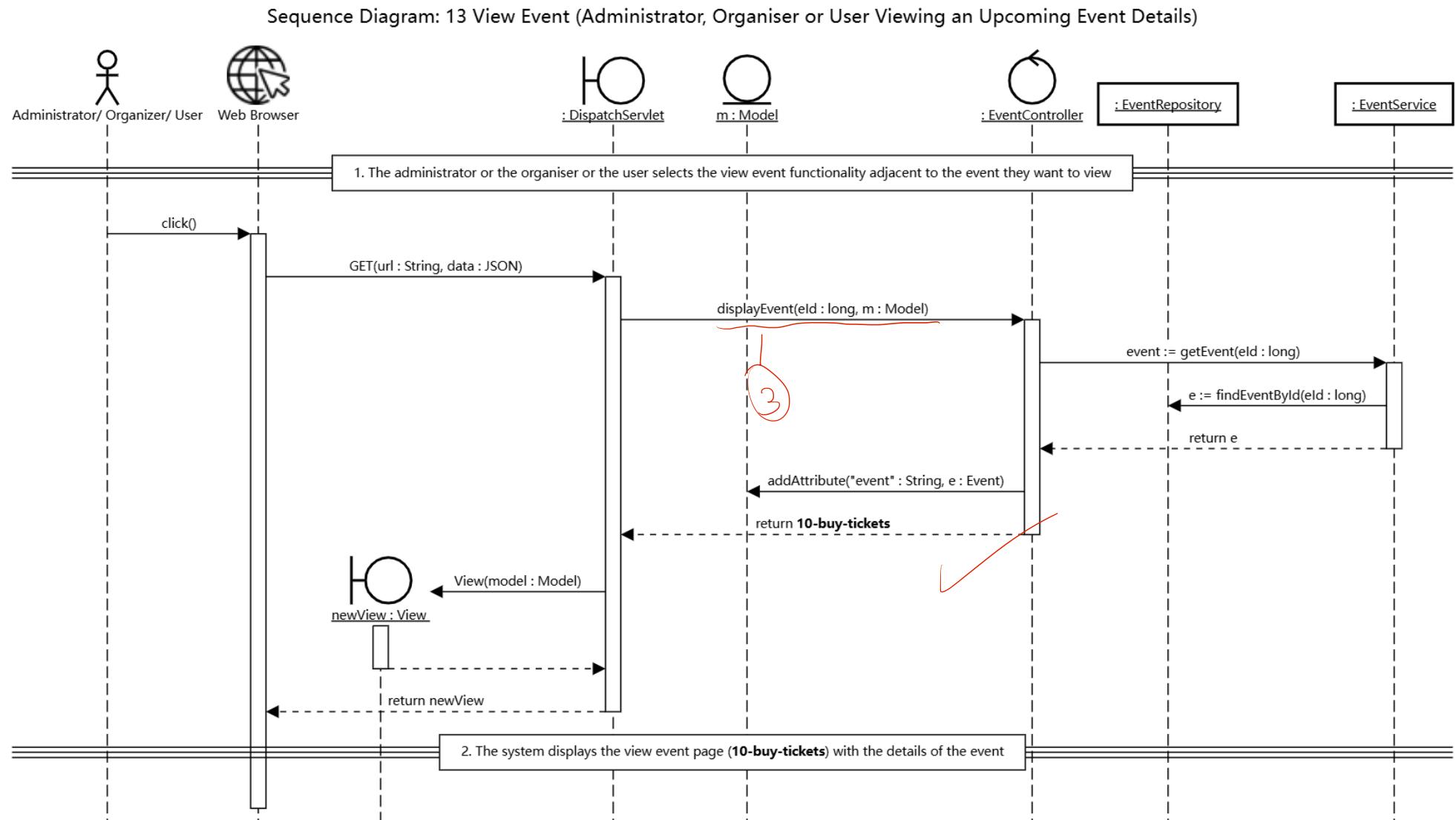
Cancel

---

The Add(Modify) Events Error  
Organizer Page

## Use Case 13 - View Event

### 01 - Basic Course of Events



### Relevant UI Sketches

[Events](#)[Profile](#)[Venues](#)[Accounts](#)[Search](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

Event 7  
Name

Event 8  
Name

Admin Main Page

The image shows a user interface for an event organiser's main page. At the top, there is a navigation bar with five items: "Home" (underlined in blue), "Profile", "My Events", "Venues", and a search bar with a "Search" button. Below the navigation bar are six rectangular cards, each representing an event. The first two cards are larger and positioned above the others. The third through sixth cards are smaller and arranged in a row below them. Each card contains the text "Event" followed by a number and the word "Name".

Event	Name
1	Event 1 Name
2	Event 2 Name
3	Event 3 Name
4	Event 4 Name
5	Event 5 Name
6	Event 6 Name

Organiser Main Page

Home

Profile

Tickets

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

Event 6  
Name

[Return](#)

&lt;Description&gt;

&lt;Event Name&gt;

&lt;Venues No.&gt;

&lt;Organizer&gt;

Date: Date1

Time: Time1

Price: Price1

Number: - 1 +

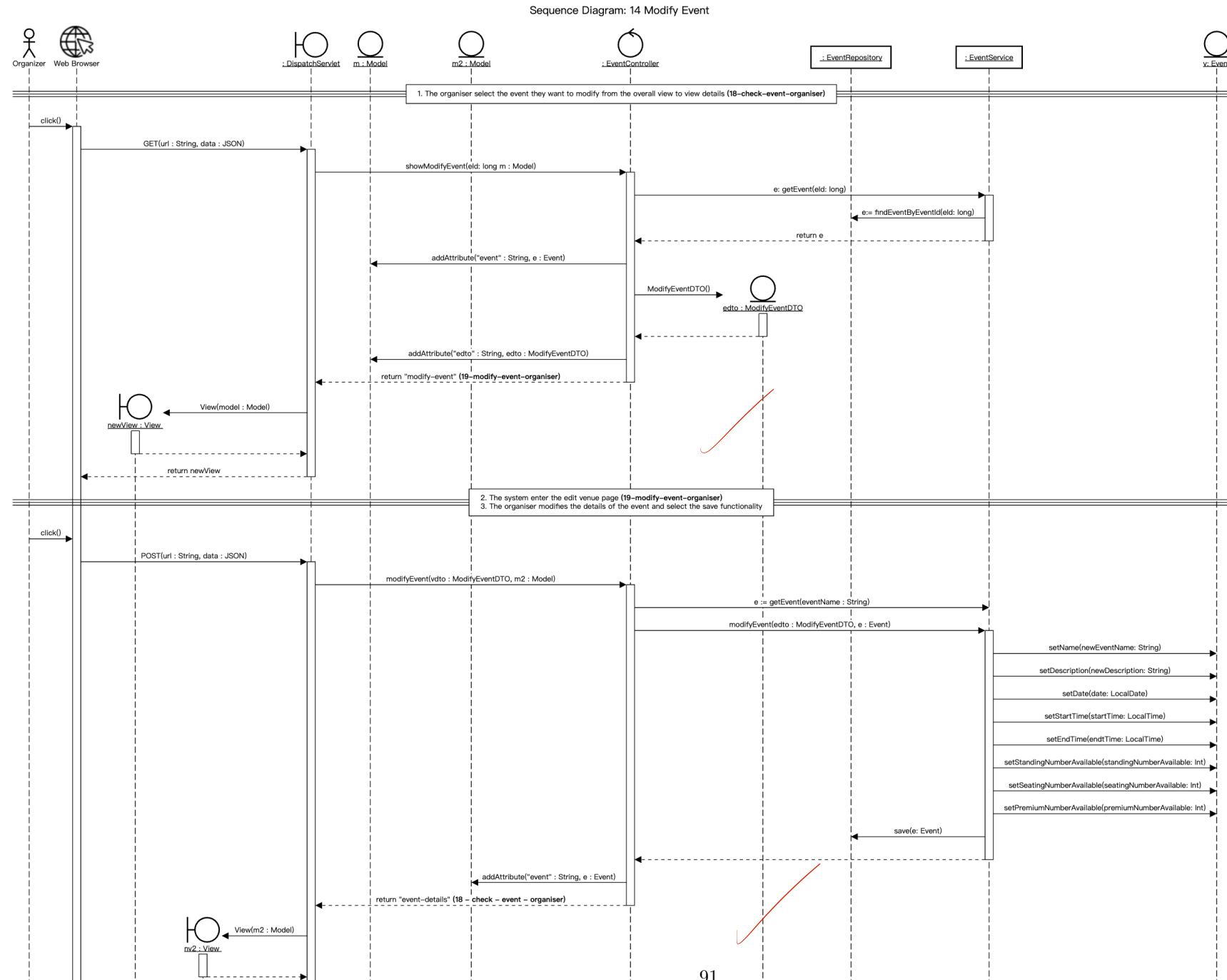
[Pay](#)

---

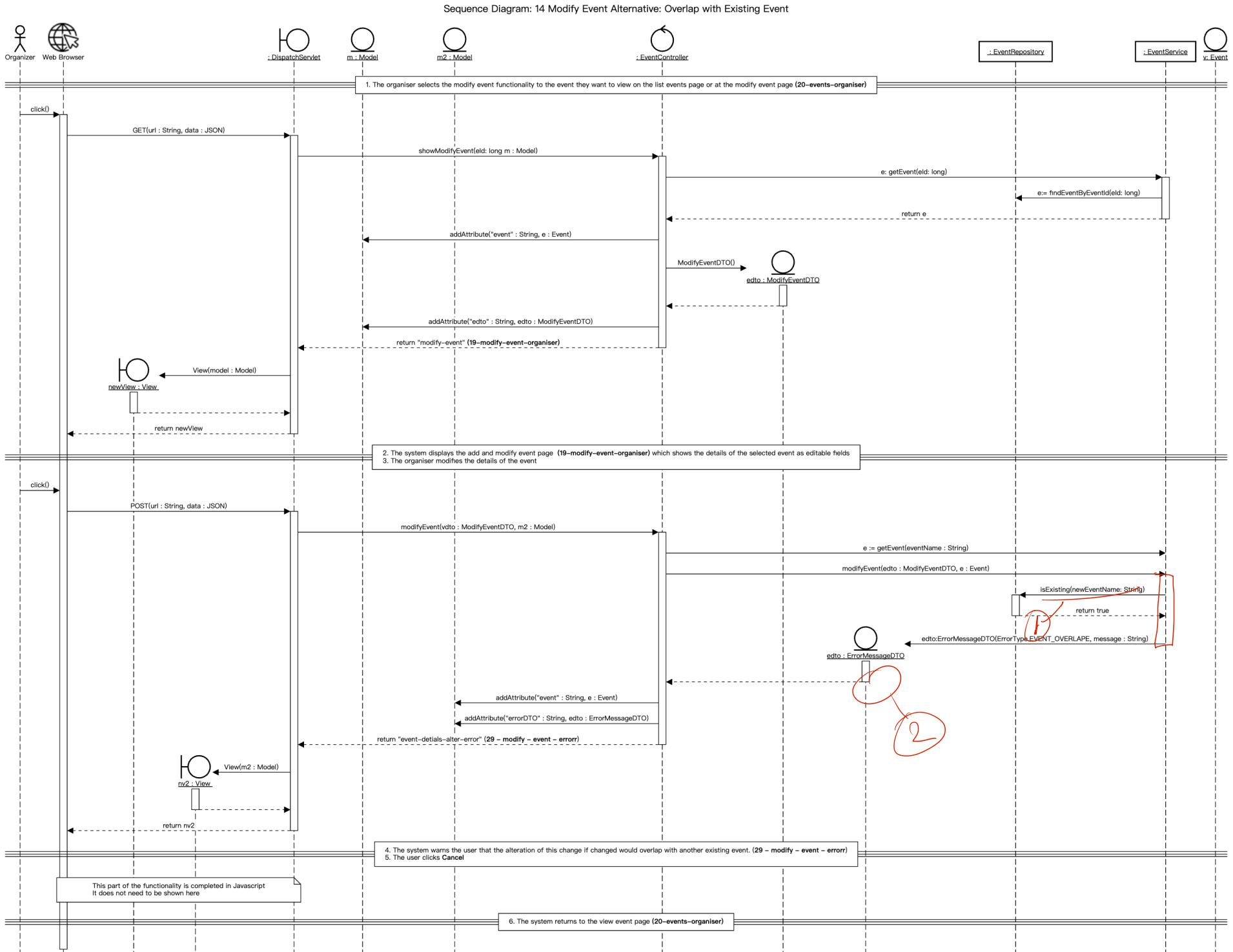
[View Event Page](#)

## Use Case 14 - Modify Event

### 01 - Basic Course of Events



## 02 - Alternate Course of Events - The Organiser Not Save



## Related UI Prototypes

Page Name

Image

Return



<Event Name>

Date:

Start Time:

End Time:

TicketType:

<Description>

standingNumberAvailable:

seatingNumberAvailable:

premiumNumberAvailable:

Edit

The Check Event Page(Organiser)

[Return](#)

  
**<Description>**

**Event Name:**  [Change](#)

**Venue No.**  [Change](#)

**Date:**  [Change](#)

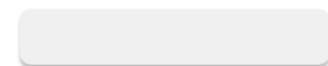
**Time:**  [Change](#)

**Price:**  [Change](#)

**Total Number:**  [Change](#)

[Save](#) [Cancel](#)

The Add and Modify Event Page

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)[New Event](#)

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

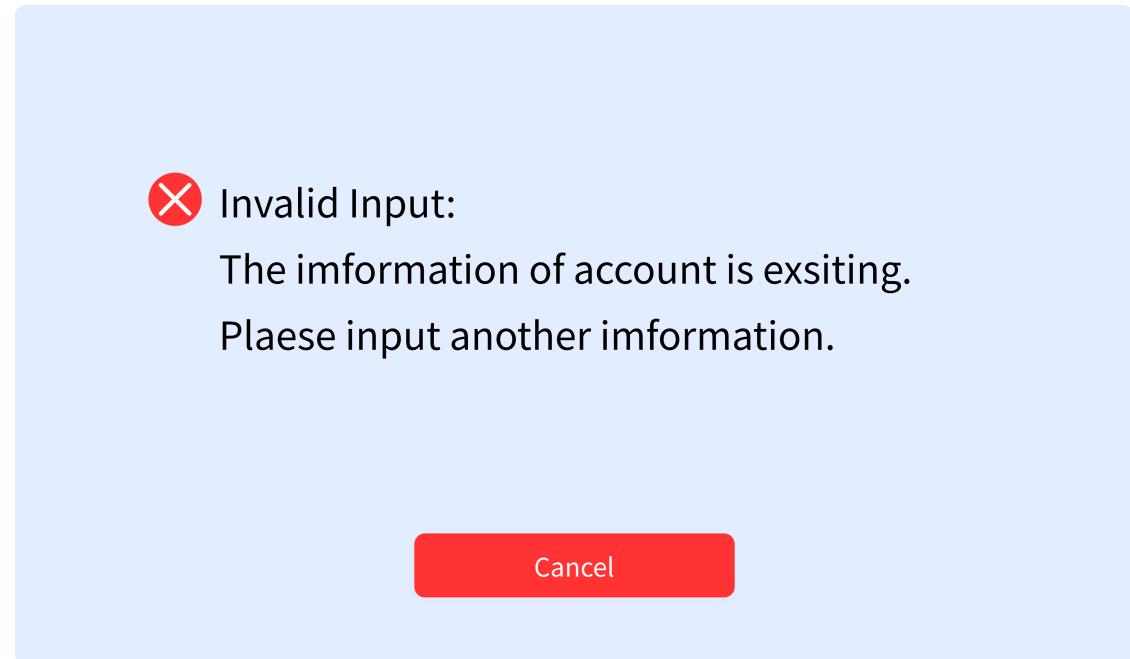
Event 5  
Name

Event 6  
Name

Event 7  
Name

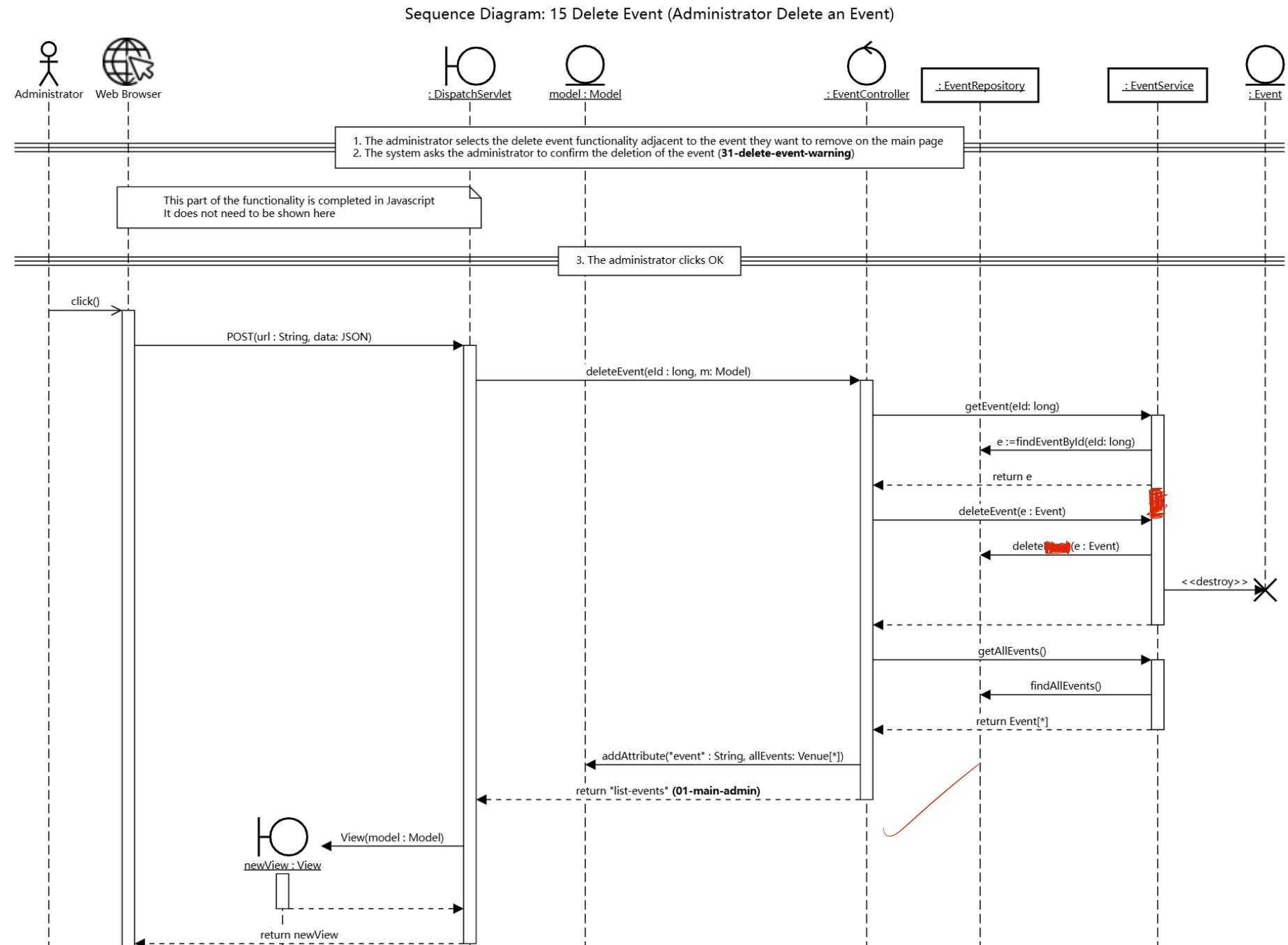
Event 8  
Name

The List Events Page(Organiser)

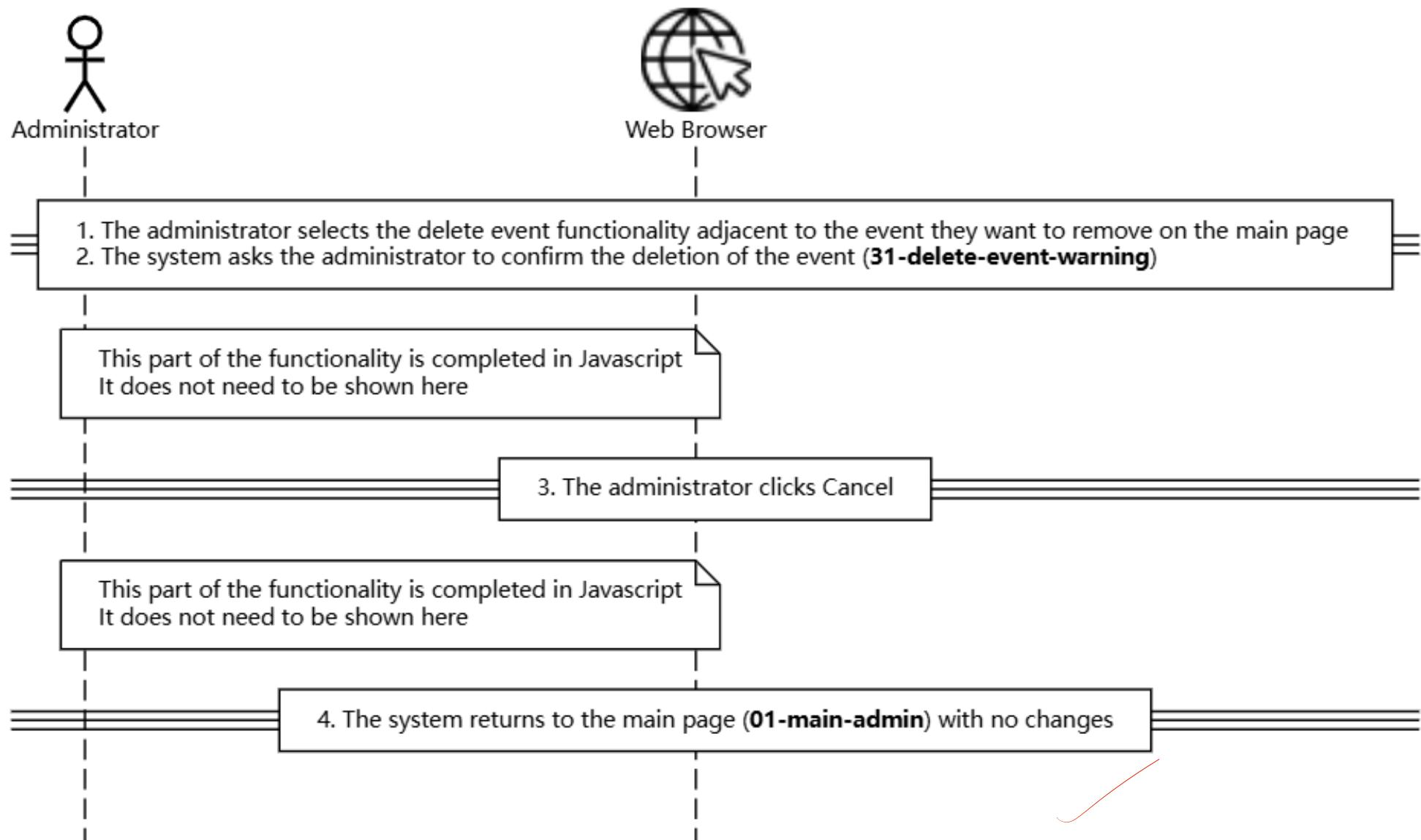


## Use Case 15 - Delete Event

### 01 - Basic Course of Events



## Sequence Diagram: 15 Delete Event (Alternate Course of Events - Not Confirmed)



Relevant UI Sketches

Events

Profile

Venues

Accounts

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

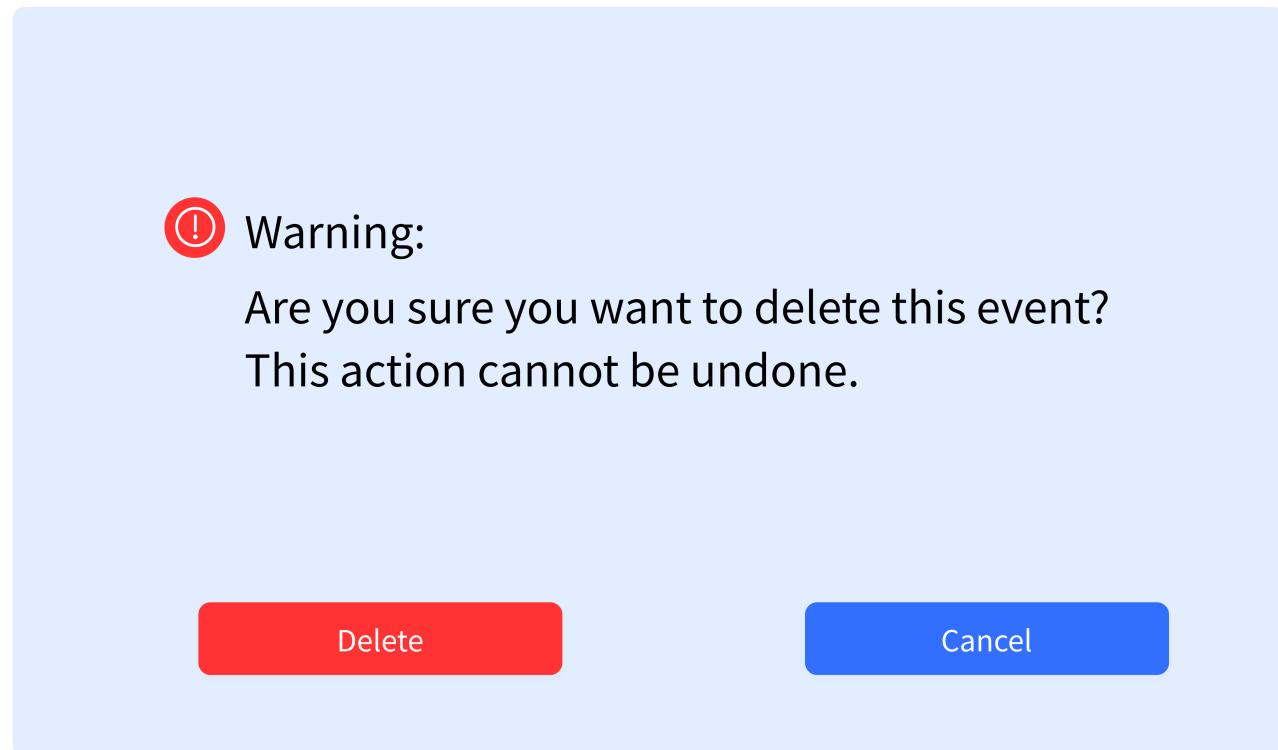
Event 4  
Name

Event 5  
Name

Event 6  
Name

Event 7  
Name

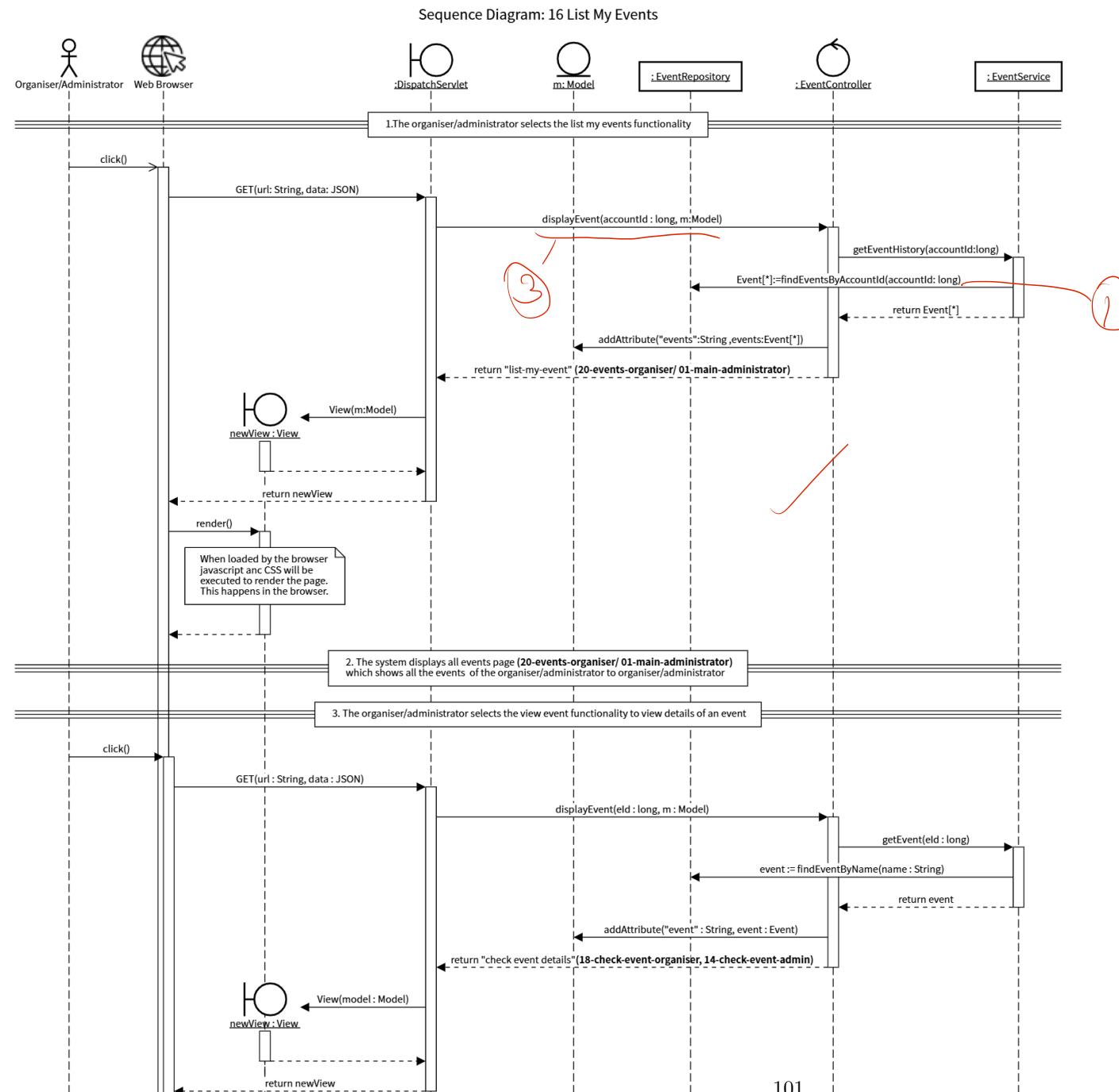
Event 8  
Name

Delete Event Warning

---

## Use Case 16 - List My Events

### 01 - Basic Course of Events



## Related UI Prototypes

Page Name	Image								
	<p>The header features a navigation bar with four items: 'Events' (highlighted in blue), 'Profile', 'Venues', and 'Accounts'. To the right is a search input field with a placeholder and a blue 'Search' button.</p> <p>The main content area displays a grid of eight event cards, each consisting of a gray box with the text 'Event [number] Name' centered within it. The events are arranged in two rows of four.</p> <table border="1"><tbody><tr><td>Event 1 Name</td><td>Event 2 Name</td><td>Event 3 Name</td><td>Event 4 Name</td></tr><tr><td>Event 5 Name</td><td>Event 6 Name</td><td>Event 7 Name</td><td>Event 8 Name</td></tr></tbody></table>	Event 1 Name	Event 2 Name	Event 3 Name	Event 4 Name	Event 5 Name	Event 6 Name	Event 7 Name	Event 8 Name
Event 1 Name	Event 2 Name	Event 3 Name	Event 4 Name						
Event 5 Name	Event 6 Name	Event 7 Name	Event 8 Name						

The Home/Event Page(Administrator)

[Return](#)

<Event Name>

<Venues No.>

Date:

Time:

Price:

<Description>

Total Number:

Sold Number:

[Delete](#)

The Check Event Page(Administrator)

[Return](#)

&lt;Description&gt;

&lt;Event Name&gt;

Date:

Start Time:

End Time:

TicketType:

standingNumberAvailable:

seatingNumberAvailable:

premiumNumberAvailable:

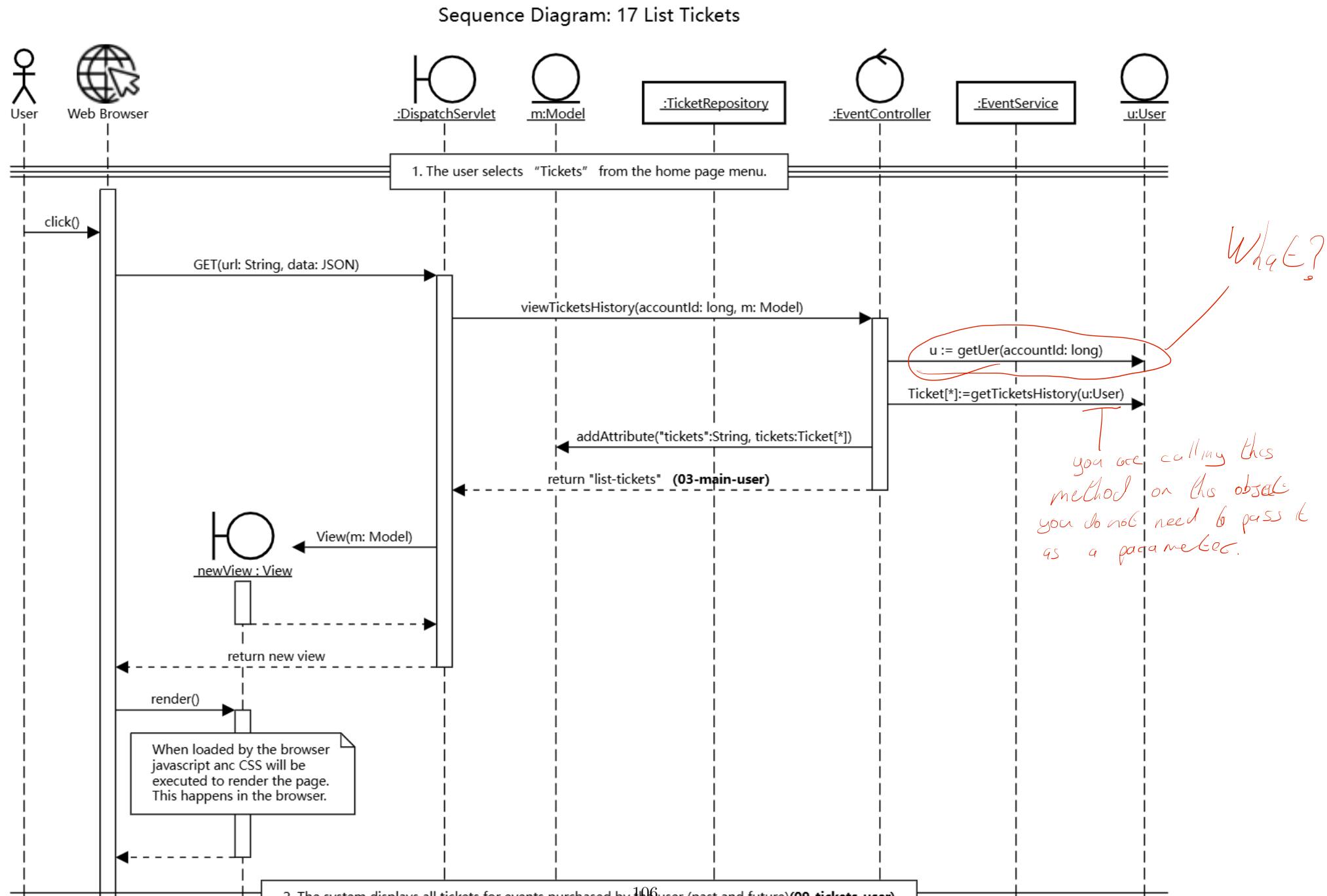
[Edit](#)

[Home](#)[Profile](#)[My Events](#)[Venues](#)[Search](#)[New Event](#)Event 1  
NameEvent 2  
NameEvent 3  
NameEvent 4  
NameEvent 5  
NameEvent 6  
NameEvent 7  
NameEvent 8  
Name

The List Events Page(Organiser)

## Use Case 17 - List Tickets

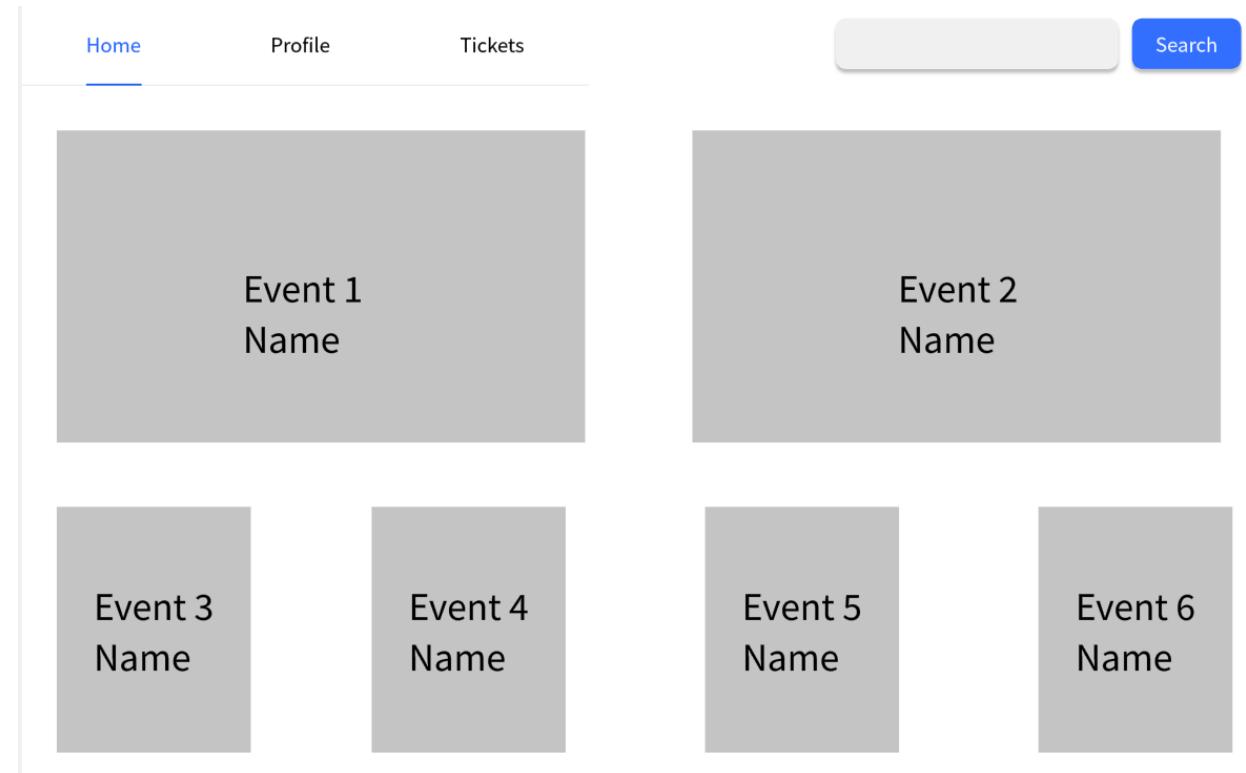
### 01 - Basic Course of Events



## Related UI Prototypes

Page Name

Image



Main User Page

Home

Profile

Tickets

---

Search

Event 1  
Name

Event 2  
Name

Event 3  
Name

Event 4  
Name

Event 5  
Name

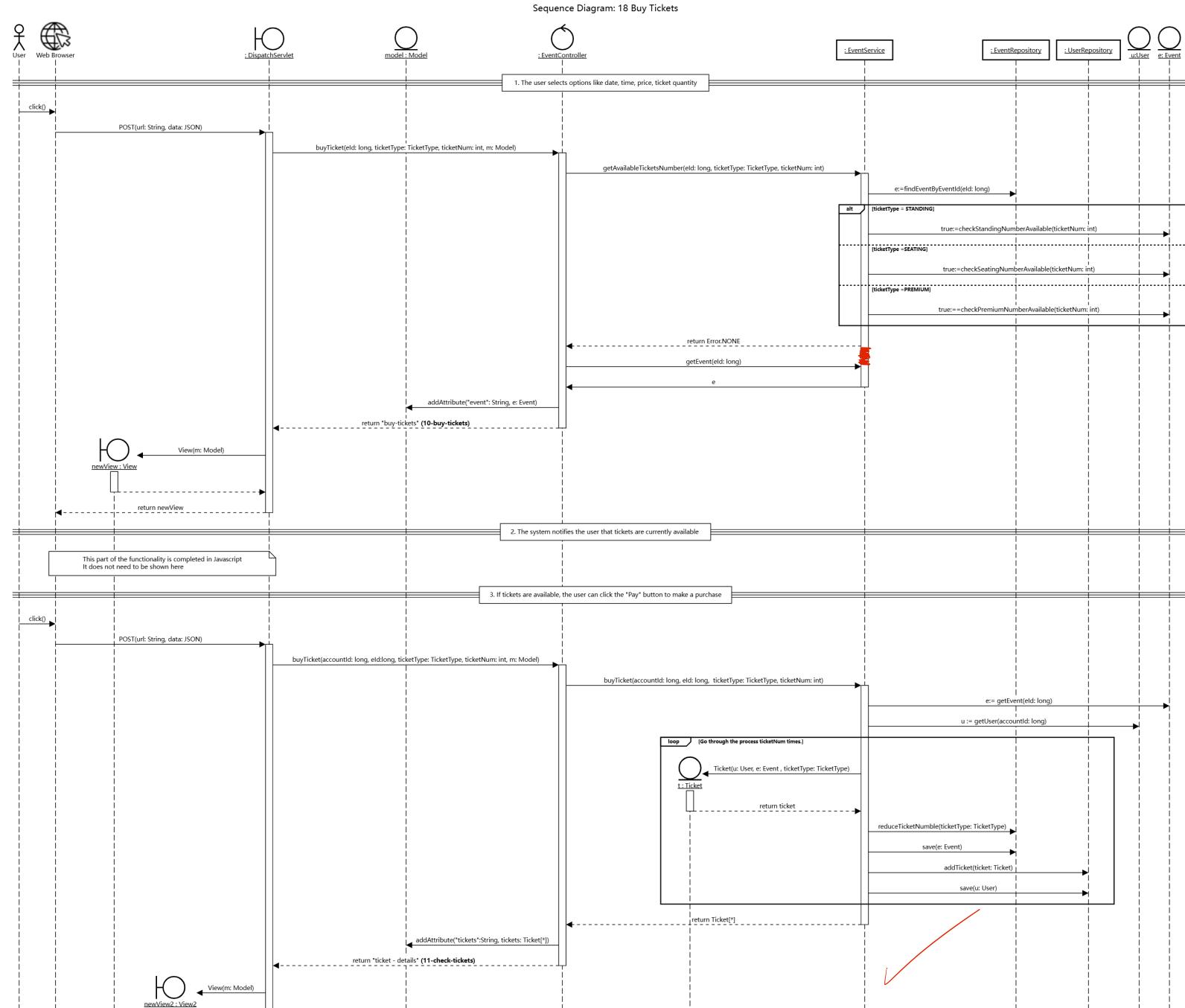
Event 6  
Name

Event 7  
Name

Event 8  
Name

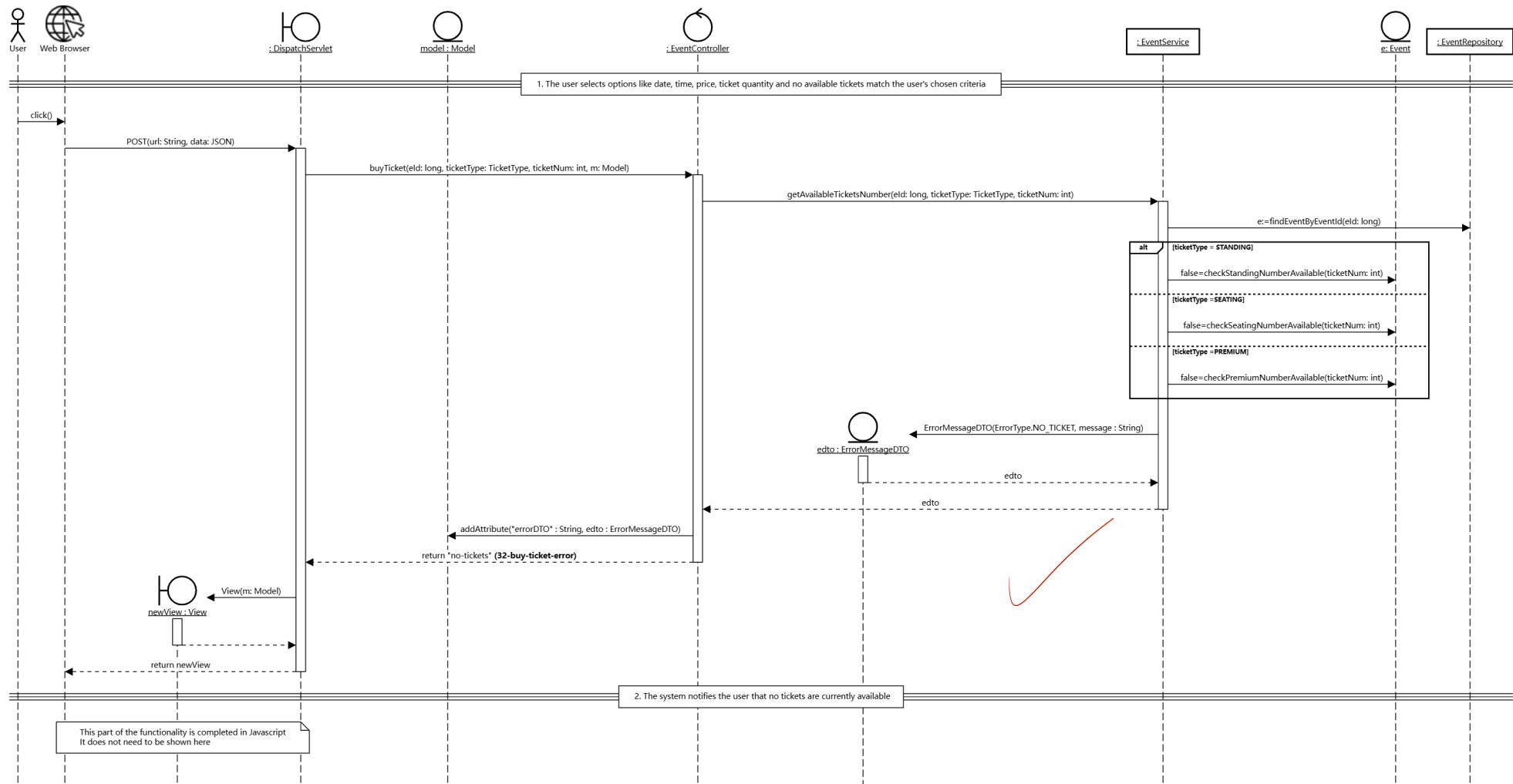
## Use Case 18 - Buy Tickets

### 01 - Basic Course of Events



## 02 - Alternative Courses of Events - Tickets Not Available

Sequence Diagram: 18 Buy Tickets (Alternative Courses of Events - Tickets Not Available)



Related UI Prototypes

[Return](#)

&lt;Event Name&gt;

&lt;Venues No.&gt;

&lt;Organizer&gt;

Date: Date1

Time: Time1

Price: Price1

Number:   [Pay](#)

Buy Tickets Page

Return



<Event Name>

<Venues No.>

<Organizer>

Date:

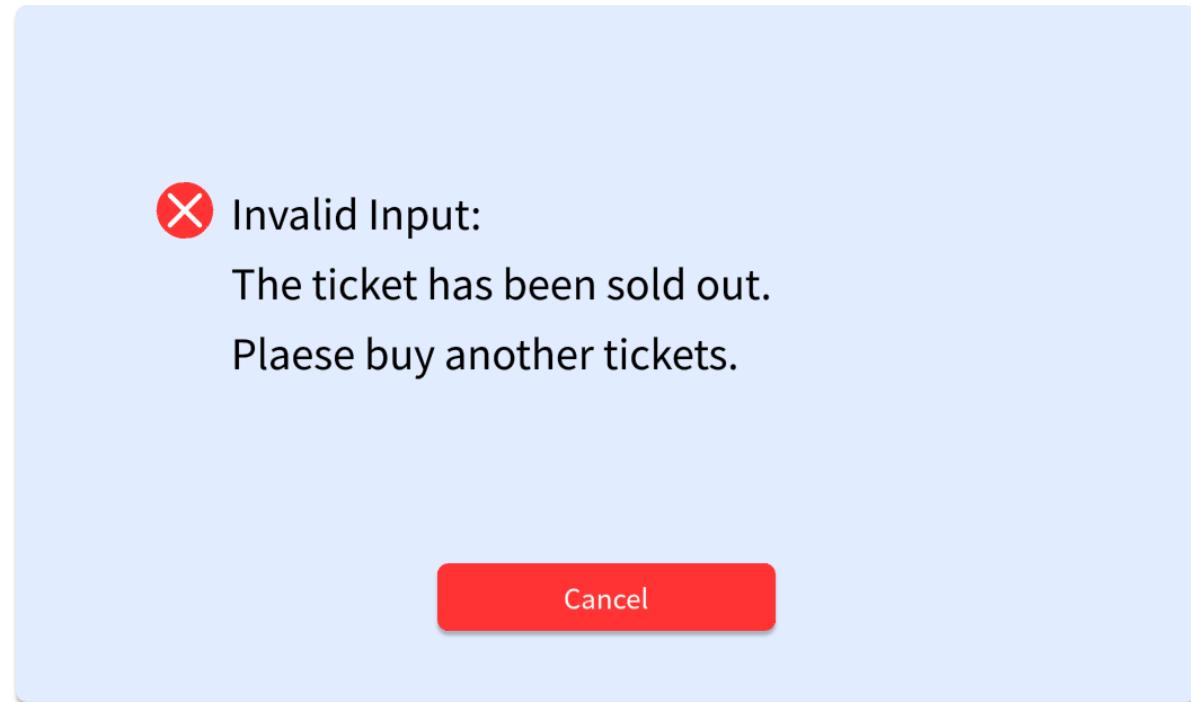
Time:

<Description>

Price:

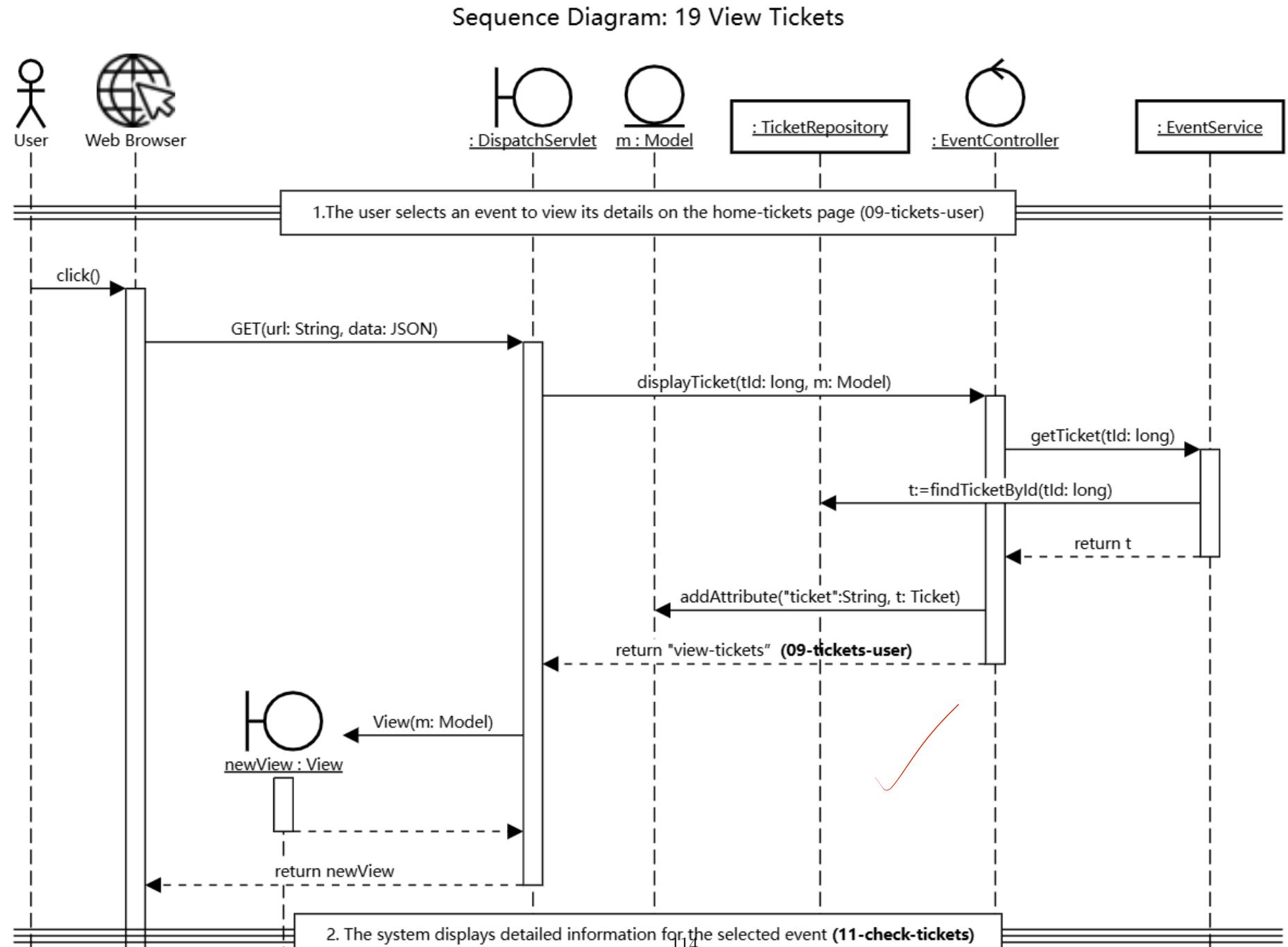
Number:

Seat:



## Use Case 19 - View Tickets

### 01 - Basic Course of Events



## Related UI Prototypes

Page Name

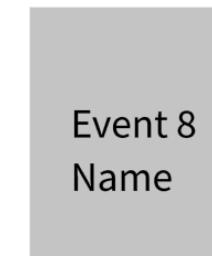
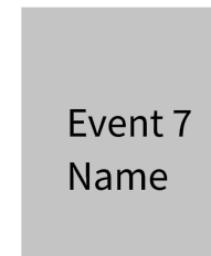
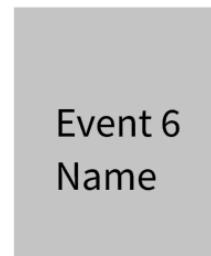
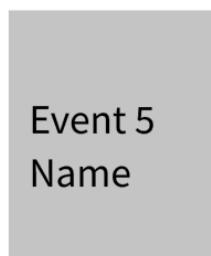
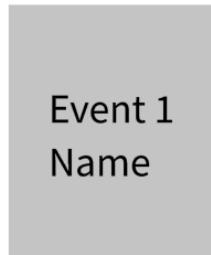
Image

Home

Profile

Tickets

Search



Tickets User Page

Return



<Description>

<Event Name>

<Venues No.>

<Organizer>

Date:

Time:

Price:

Number:

Seat: