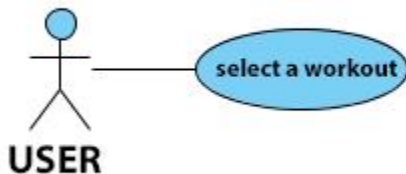


Use cases examples with brief descriptions of features and step-by-step breakdown.

### 3.1 Workout Use Case

Use case: Select a Workout

**Diagram:**



#### **Brief Description**

The user selects from list of available workouts desirable one.

#### **Initial Step-By-Step Description**

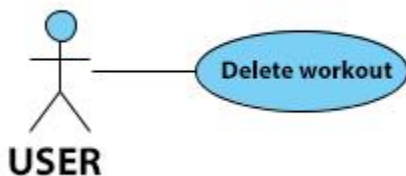
Before this use case can be initiated, the User has already open TopFit App.

1. The User selected Workout drop-down menu-button.
2. The System uses the Button\_ListWorkuts to bring up the list of available workouts.
3. The user chose workouts that is available for him/her.
4. The System generates the list of exercises needed for this workout.

### 3.2 Delete Use Case

Use case: Delete Workout

**Diagram:**



#### **Brief Description**

The user deletes a previously scheduled workout from a calendar.

#### **Initial Step-By-Step Description**

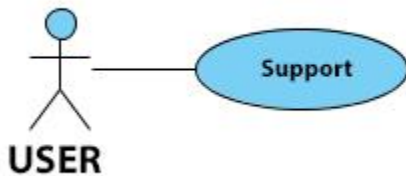
Before this use case can be initiated, the User has already open TopFit App.

1. The User selects Calendar menu-button.
2. The System uses the Button\_Calendar to bring up the screen with calendar.
3. The User click on workouts on calendar that he/she want to delete.
4. The System generates warning message to user “You really want to delete this workout YESNO/” after selecting YES.
5. The System uses the Button\_Delee\_Workout to delete workout from user calendar.

### 3.3 Support Use Case

Use case: Contact a Technical Support

**Diagram:**



#### **Brief Description**

The user contacts a technical support when facing problem.

#### **Initial Step-By-Step Description**

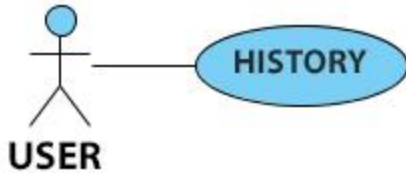
Before this use case can be initiated, the User has already open TopFit App.

1. The User selected Support menu-button.
2. The System uses the Button\_Support to bring up the Technical Support screen.
3. The user provide information about problem in text box and press Submit.
4. The System uses the Button\_Support\_Submit to generate ticket with a problem.

### 3.4 History Use Case

Use case: History

**Diagram:**



### **Brief Description**

The user receives tracks of his/her daily activity.

### **Initial Step-By-Step Description**

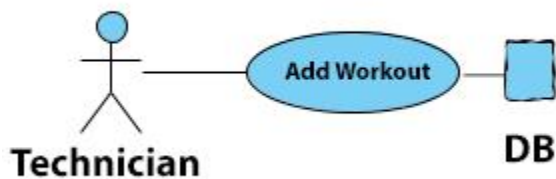
Before this use case can be initiated, the User has already open TopFit App.

1. The user selected History menu-button.
2. The System uses the Button\_History to bring up the History screen.
3. The System generates history of user's daily activities.

## **3.5 Add Use Case**

Use case: Add a Workout

### **Diagram:**



### **Brief Description**

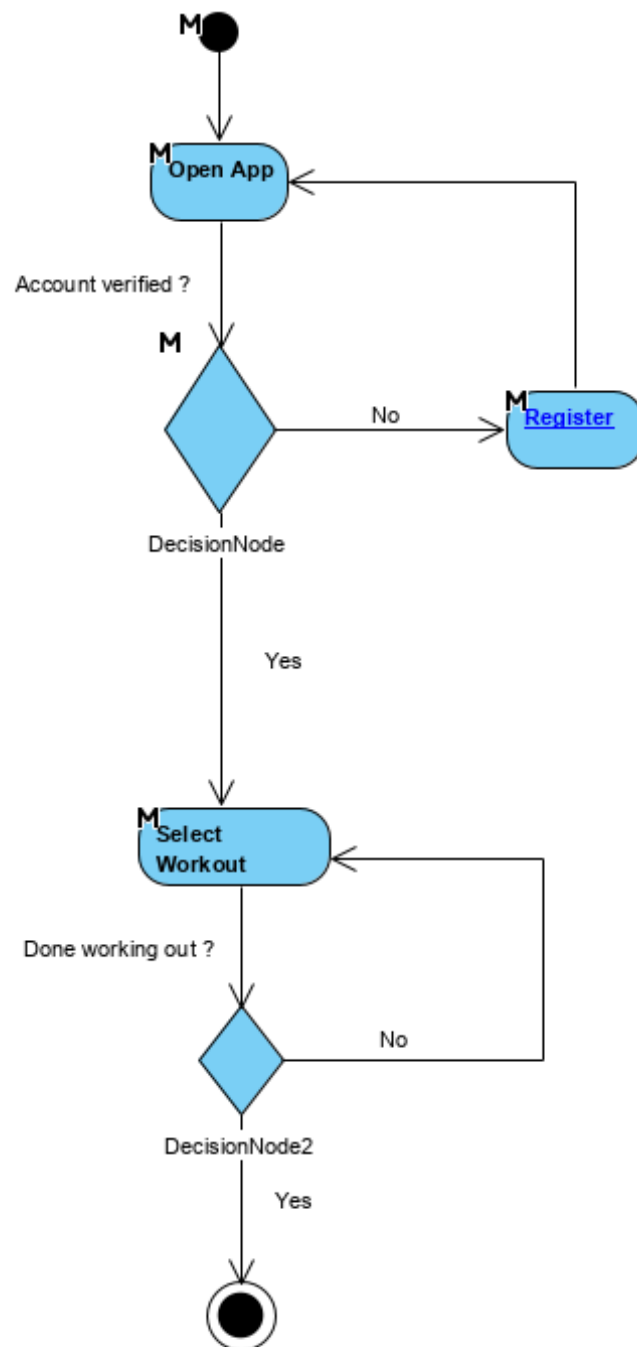
The technician adds new workout routine to the system.

### **Initial Step-By-Step Description**

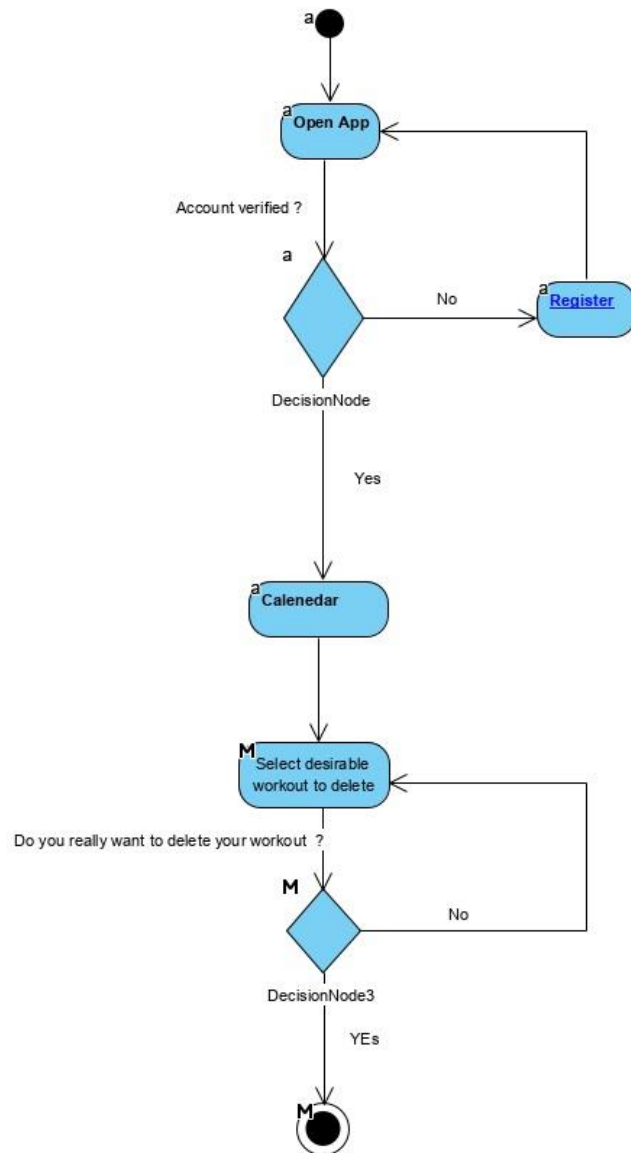
Before this use case can be initiated, the Technician has already open TopFit App.

1. The Admin (Technician) selected Add Workout menu-button.
2. The System uses the Button\_Tech\_Add\_Workout to bring up the Add Workout screen.
3. The Admin(Technician) provide information about new workout and upload needed manual and press Submit.
4. The System uses the Button\_Tech\_Add\_Workout\_Submit to generate new workout in database.

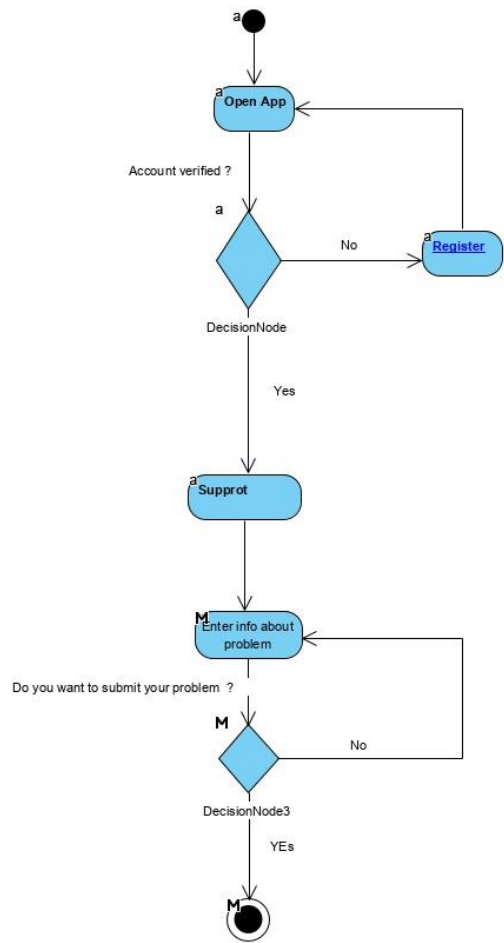
## Activity Diagram Case #1



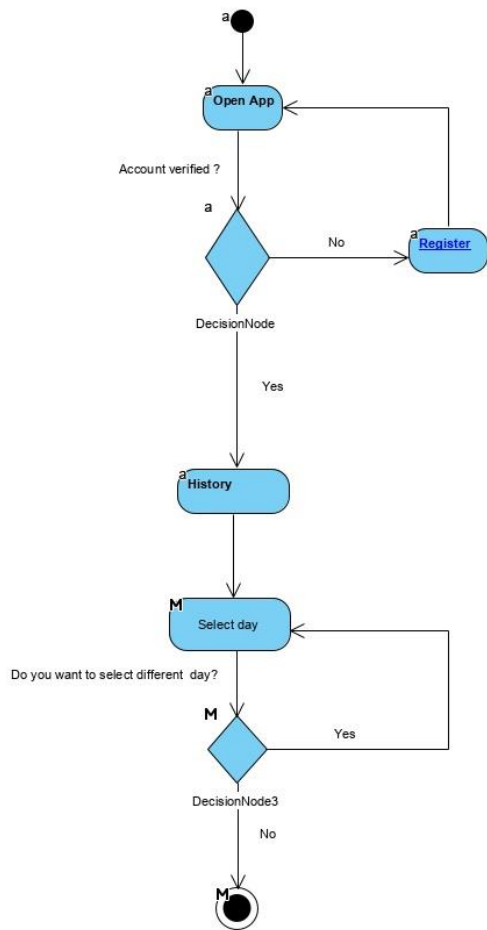
## Activity Diagram Case #2



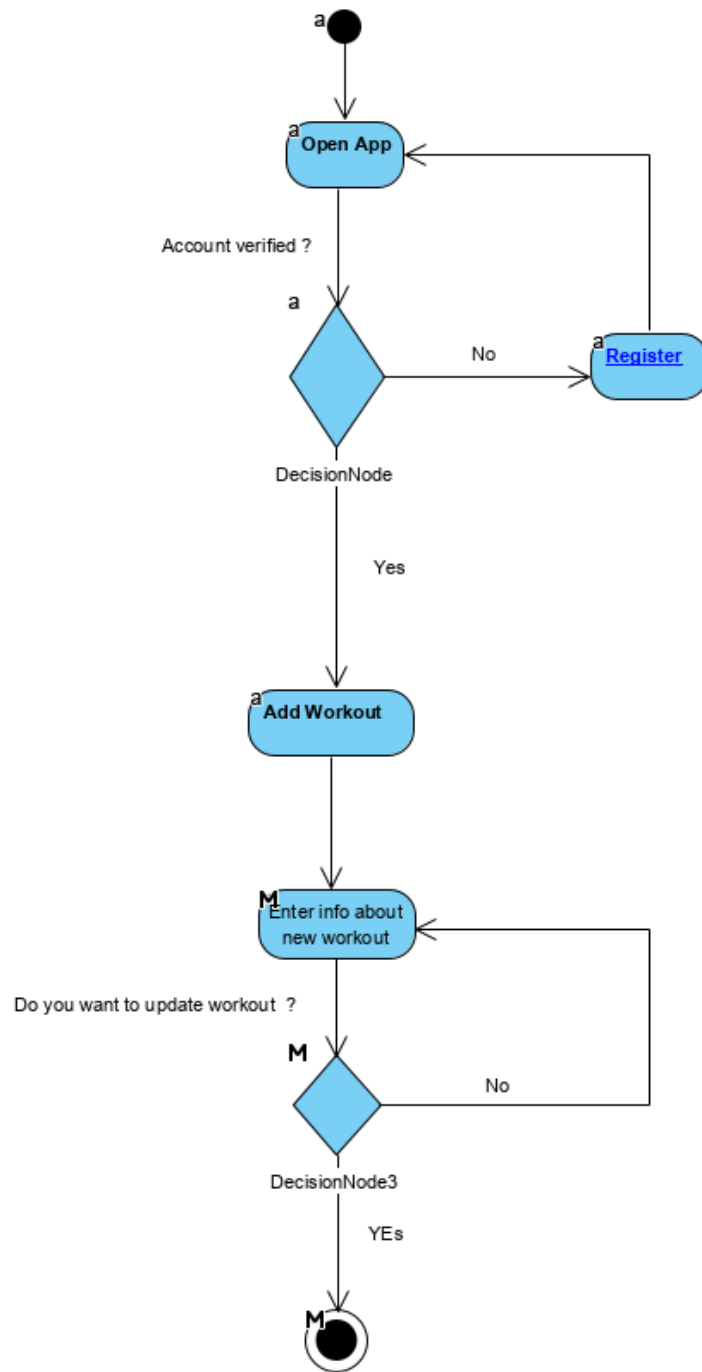
## Activity Diagram Case #3



**Activity Diagram Case #4**

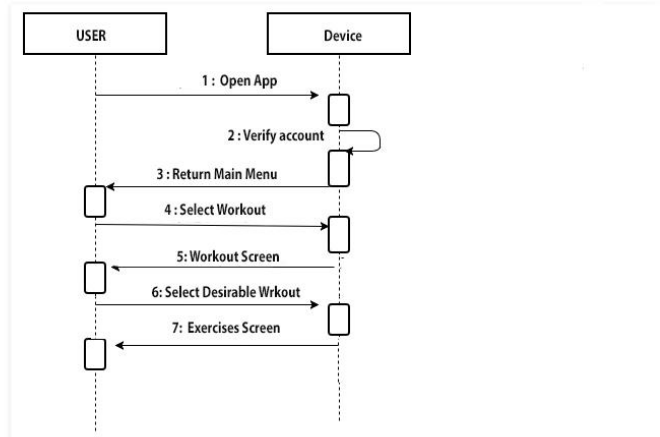


**Activity Diagram Case #5**

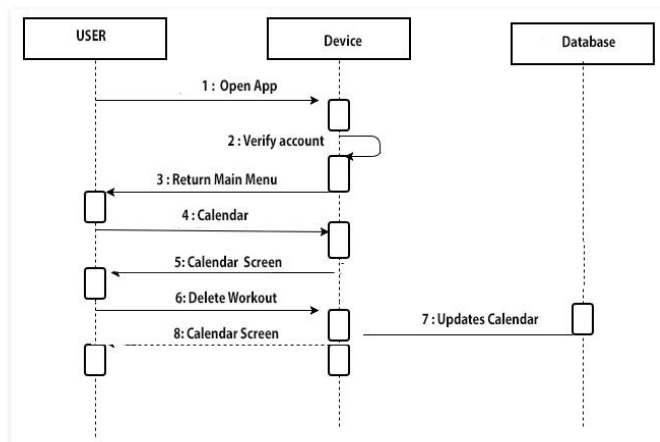


**Sequence Diagrams Case #1**

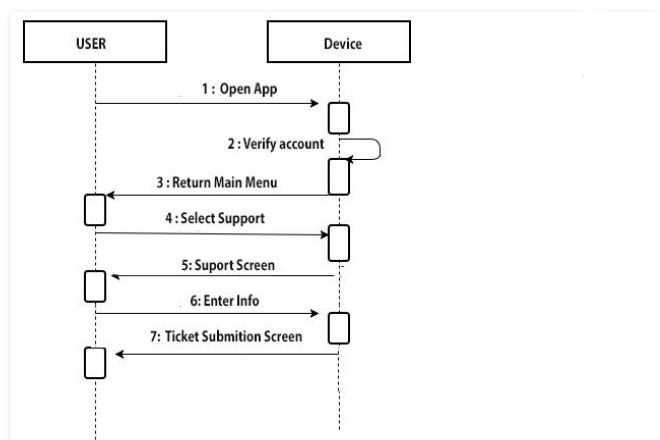




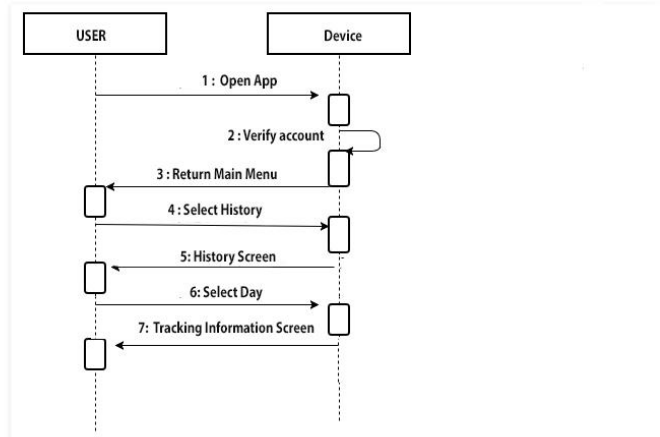
## Sequence Diagrams Case #2



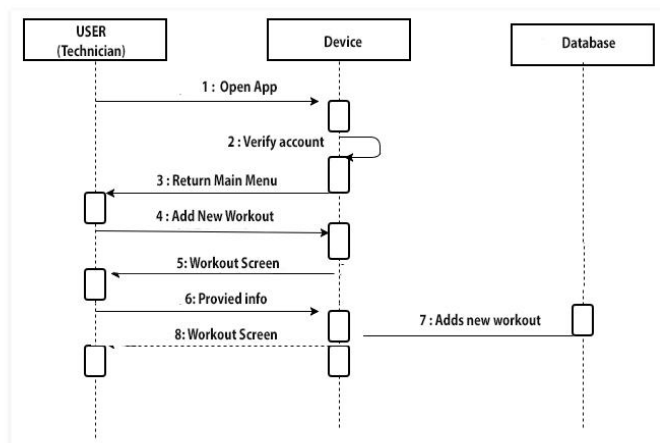
## Sequence Diagrams Case #3



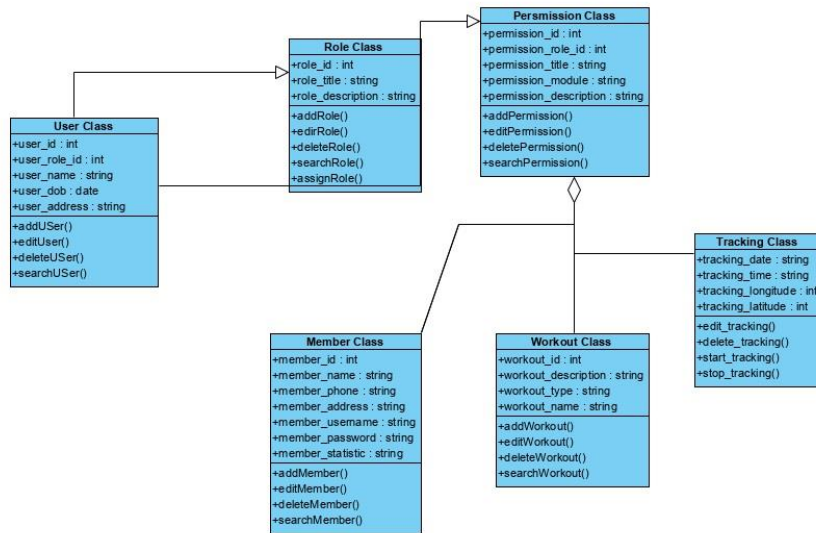
## Sequence Diagrams Case #4



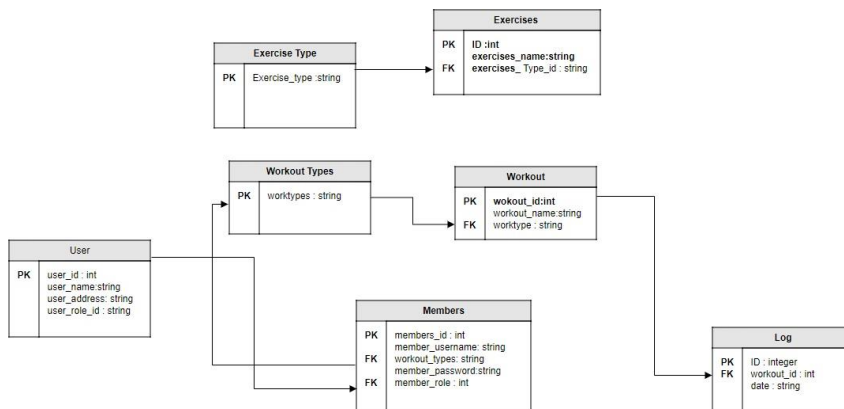
## Sequence Diagrams Case #5



## UML Class Diagram



Normalized Data Model Diagram



Data Flow Diagram

