



Railways Assignment Report

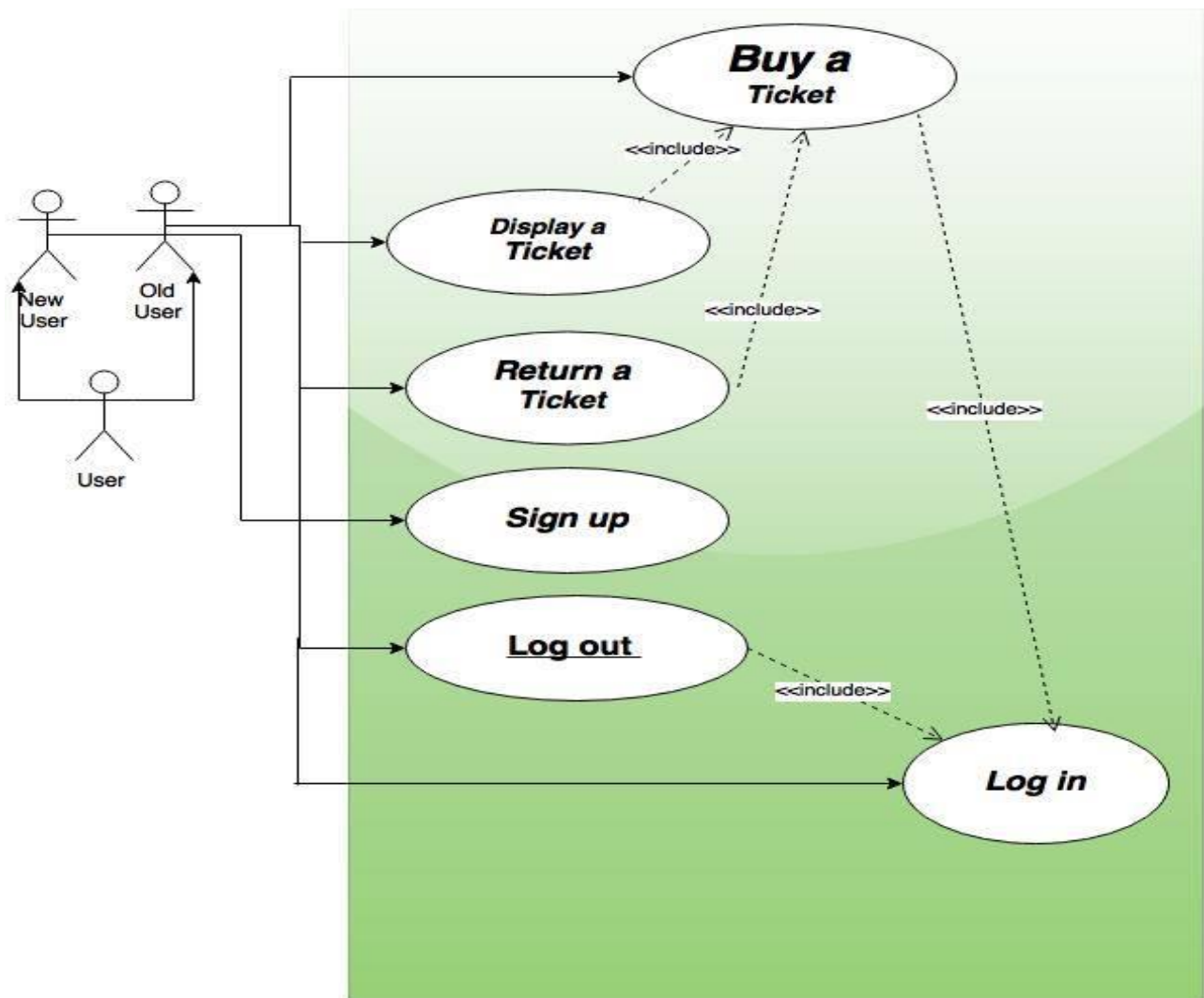
Names:

1-Asmaa Osama Ahmed Kamal Abd El-Ghani Oweis (16)

2-Basma Mahmoud Ali Taha Ahmed (19)

3-Sherouk Hossam El-Din Khamis Zaki Soliman (32)

4-Mennatollah Salah El-Din Abd El-Aziz El-Kammah (72)



Use case: Sign Up

Actors: System (initiator)

Type: Secondary and essential

Description: The user starts entering their data –name & password- to create a new account. Once a user completes filling in their data an account is created, through which they can buy tickets & view their bought tickets or sign out.

Use case: Log In

Actors: System (initiator)

Type: Primary and essential

Description: The user enters their user name & password to log in. if the user name/password are not valid a message is displayed to the user, otherwise their account is displayed, where they can buy tickets & view their bought tickets or sign out.

Use case: Log Out

Actors: System (initiator)

Type: Primary and essential

Description: Once the user logs out of their account, any access to their data is prevented & they can no longer buy tickets or see available tickets, unless they successfully **Log In** again.

Use case: Buy a Ticket

Actors: System (initiator)

Type: Primary and essential

Pre-requisites: log in.

Description: The user can display available trips and buy a ticket online. The user is then able to **Display a Ticket** or **Return a Ticket**.

Use case: Display a Ticket

Actors: System (initiator)

Type: Primary and essential

Pre-requisites: log in – Buy a Ticket.

Description: Displays the ticket just bought by the user.

Use case: Return a Ticket

Actors: System (initiator)

Type: secondary and essential

Pre-requisites: log in – Buy a Ticket.

Description: returns the ticket that the user bought.

Sample Runs and assumptions :

- The program allows the user to sign up then log in with this account once , but if he logged out then he can not log in again with that new account.
- On reserving a ticket , the program will not display the ticket until the user has filled all the required fields.
- The application does not allow the user to buy a ticket with same source and destination city.
- The user may return a bought ticket after reserving and displaying it , if he did so , the program returns to the main menu again (where a new user can log in).
- This application does not allow the user to go back except with the buttons displayed on the screen (like "resubmit" or "log out").

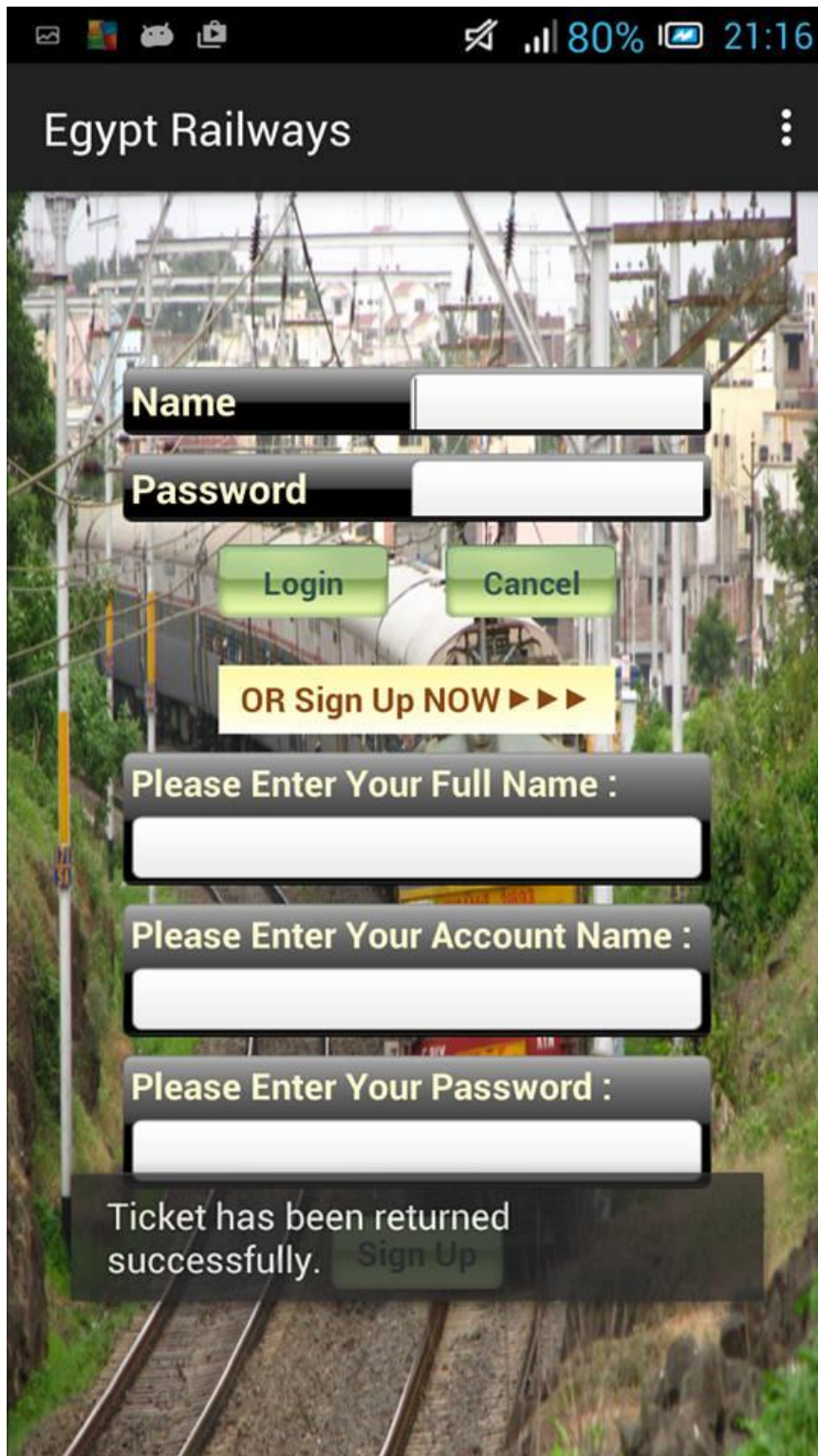
- Saved accounts in the application are :

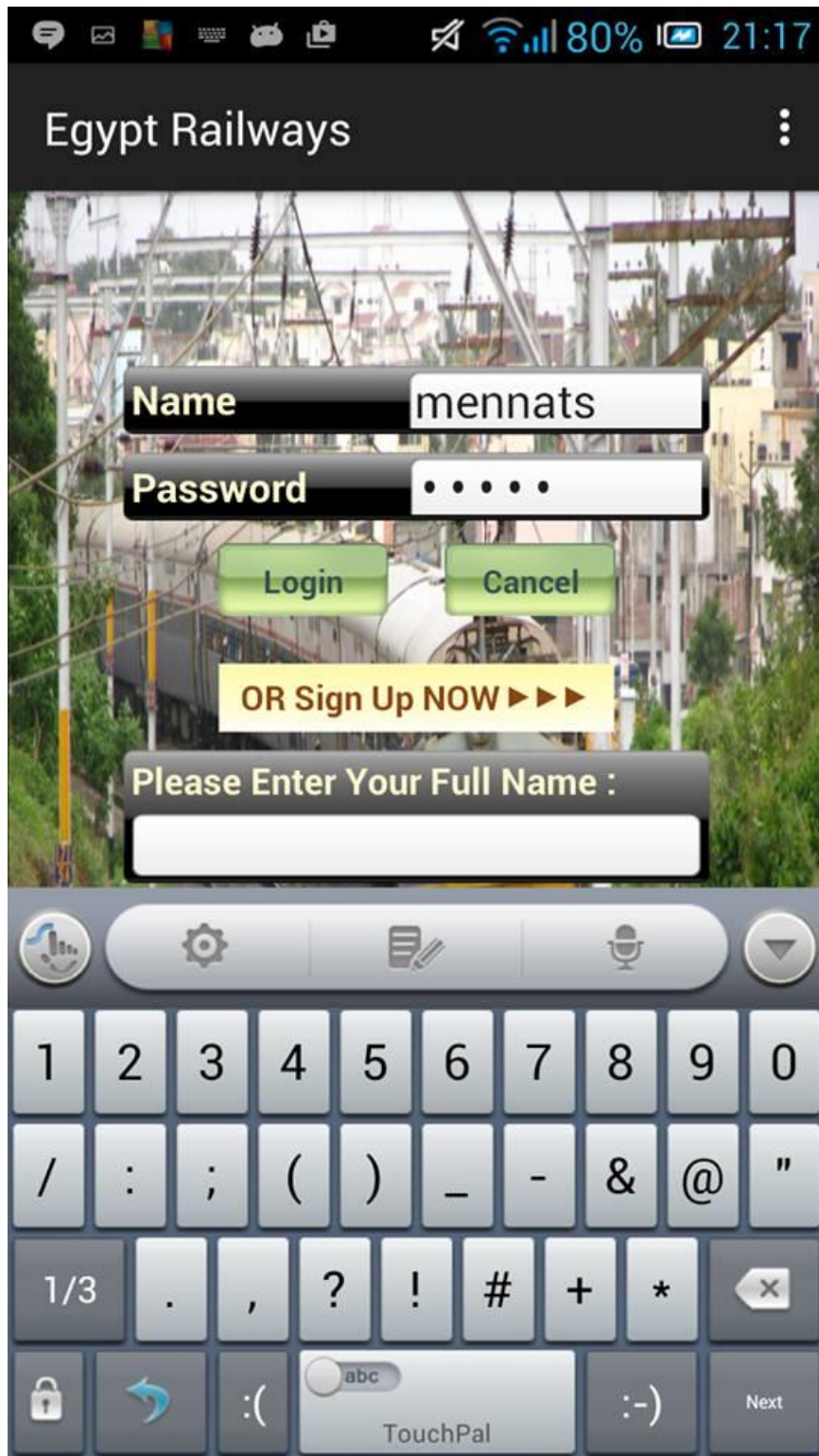
mennats m3107

Asmaa asmaa

Sherouk 123456

basma #2015







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Egypt Railways



Trains Schedule

Select time...

Select the Distination City:

Select a city...

Select the City you are travelling
from:

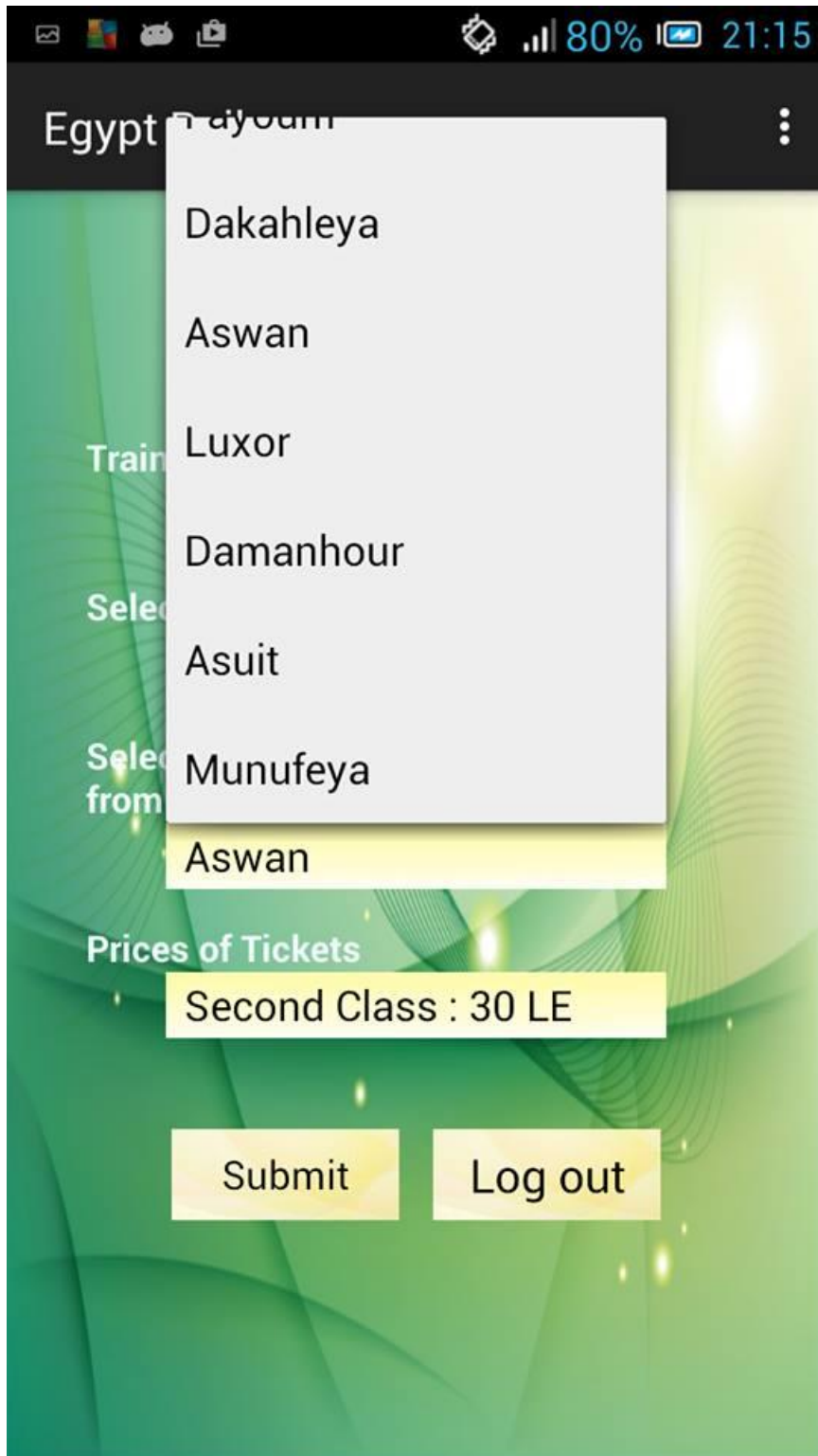
Select a city...

Prices of Tickets

Select a class...

Submit

Log out





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Egypt Railways

Signed in as :

mennats

Full name :

Menna ElKammah

Train Time : 7 Am

Second Class : 30 LE

To : Aswan

From : Alexandria

Resubmit

Confirm &
Log out

Your registration was made
Successfully!



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Egypt Railways

Signed in as :
mennats

Full name :
Menna ElKammah

Train Time : 7 Am
Second Class : 30 LE
To : Aswan
From : Alexandria

Resubmit

Confirm &
Log out

Return the
ticket.