

## User interface design

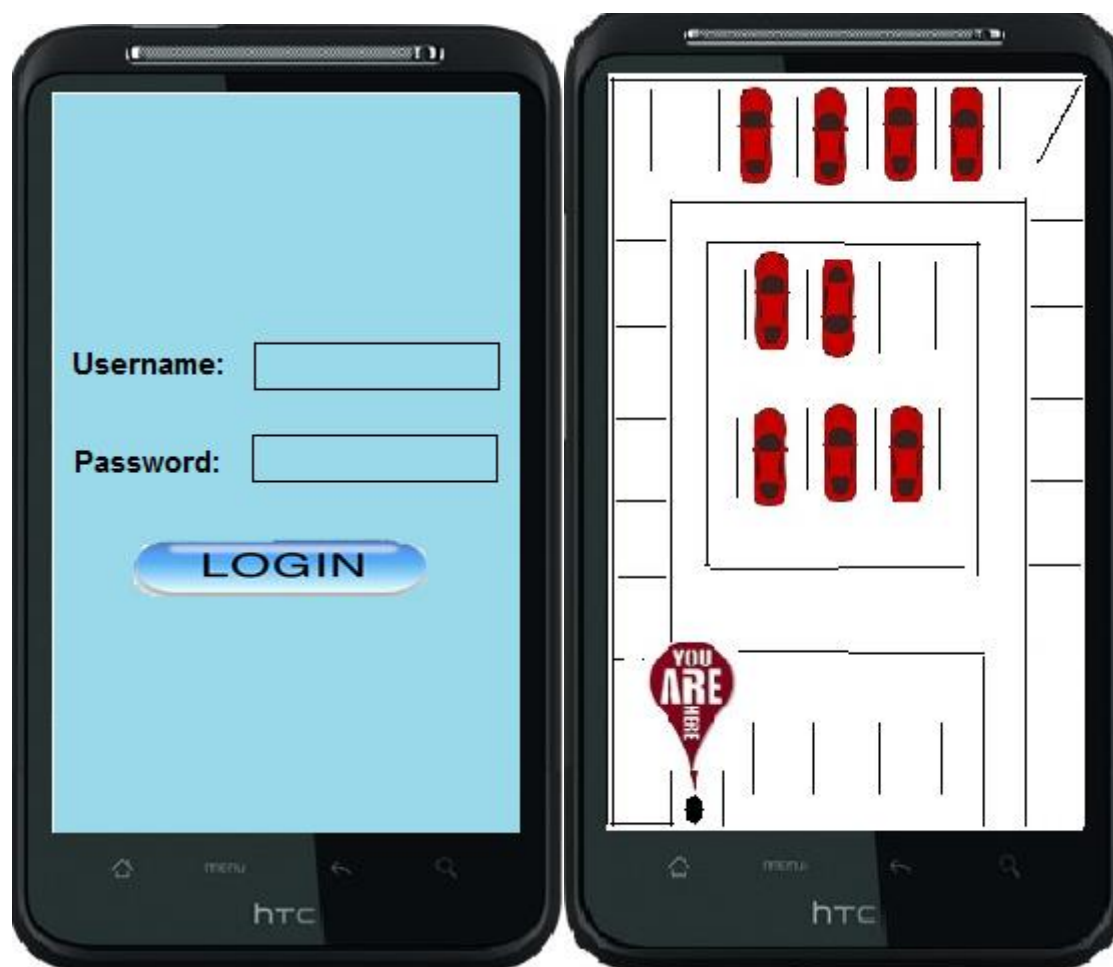
Users, Security Officials and Administrators use a simple user interface. Login credentials are first authenticated against a database. For users and security officials if login is successful, the user/security official is redirected to a page that shows a map of the parking lot and it also shows only the user that he/she is at the entrance of the parking lot using an indicator.

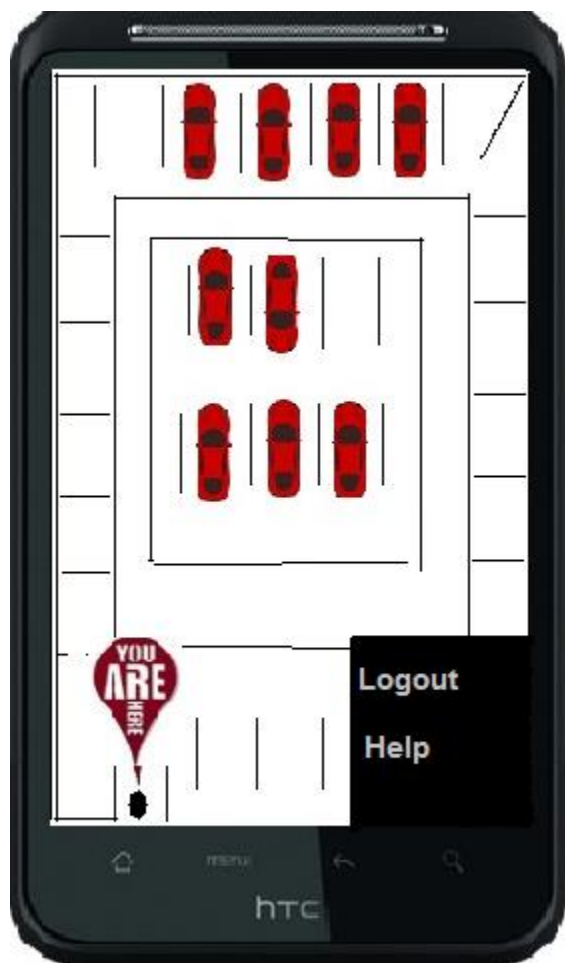
For administrators if login is successful, the administrator is redirected to a task selector page, which has a selection of tasks that an administrator can select from that include View audit log, parking bay management, security official management and view parking lot.

The View parking lot just displays a map of the parking lot (as seen by the security official). The security official management gives administrators the permission to add new security officials or to remove an existing security official.

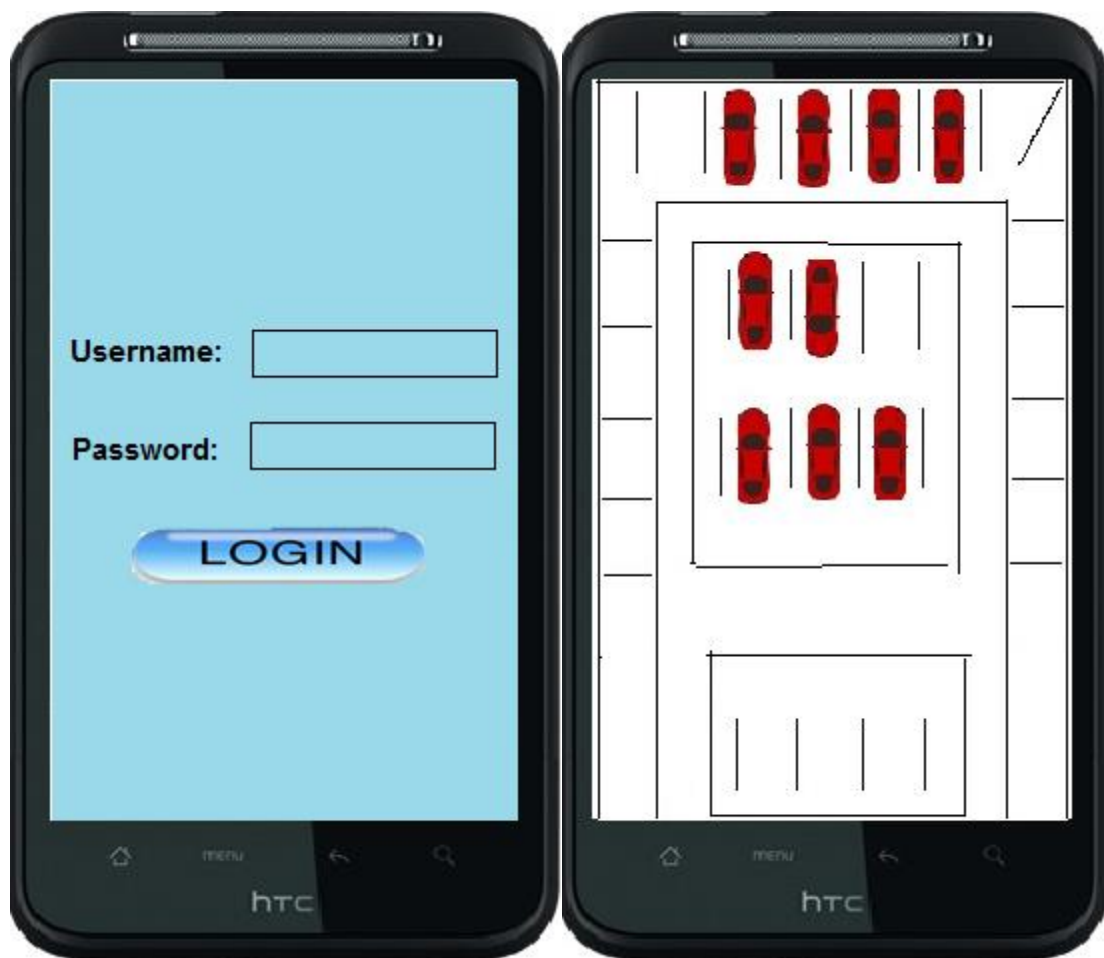
View audit log shows important information about changes made to the system which include date/time stamp, administrator details, and the change that was made by the administrator.

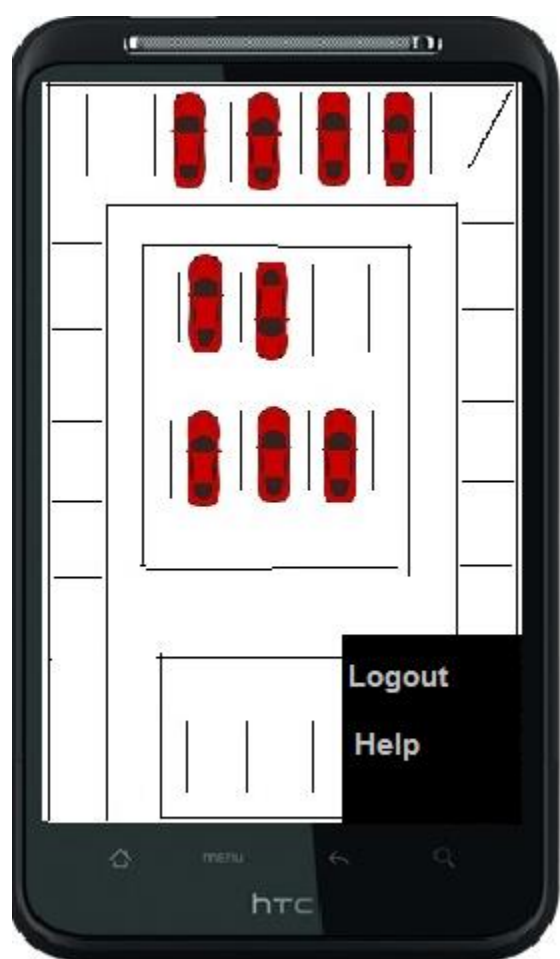
### User login (mobile app)





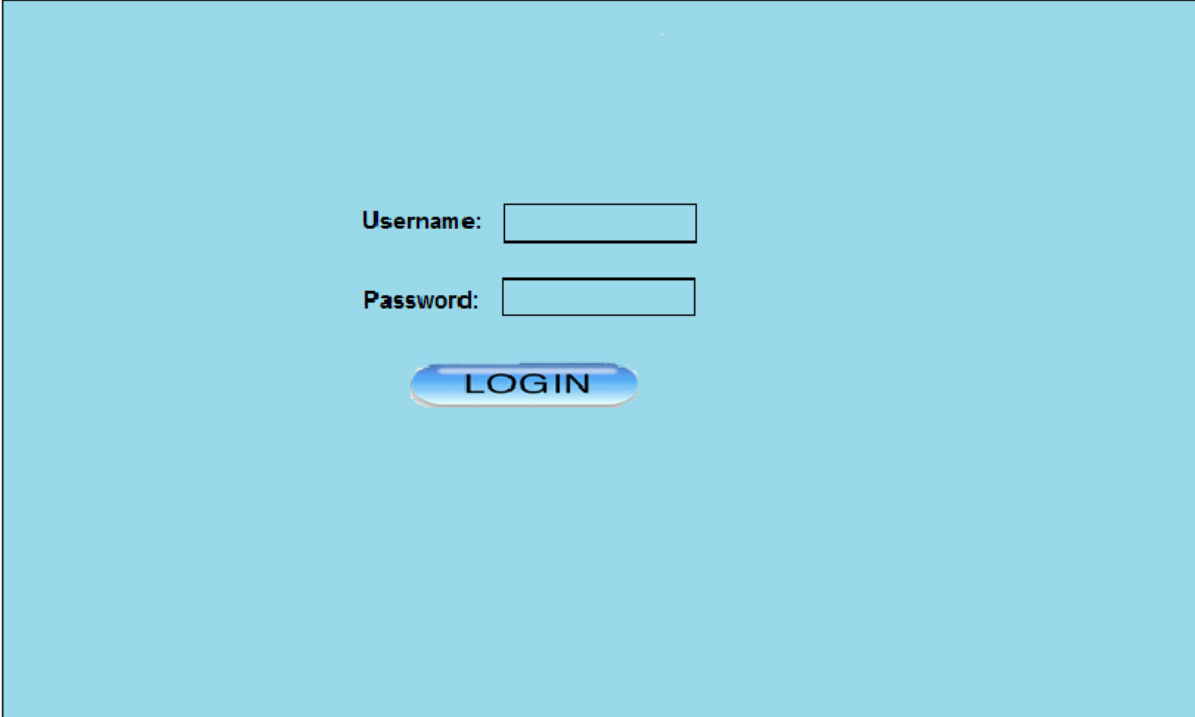
Security Personnel (mobile app)





## Admin (PC interface)

### Login screen



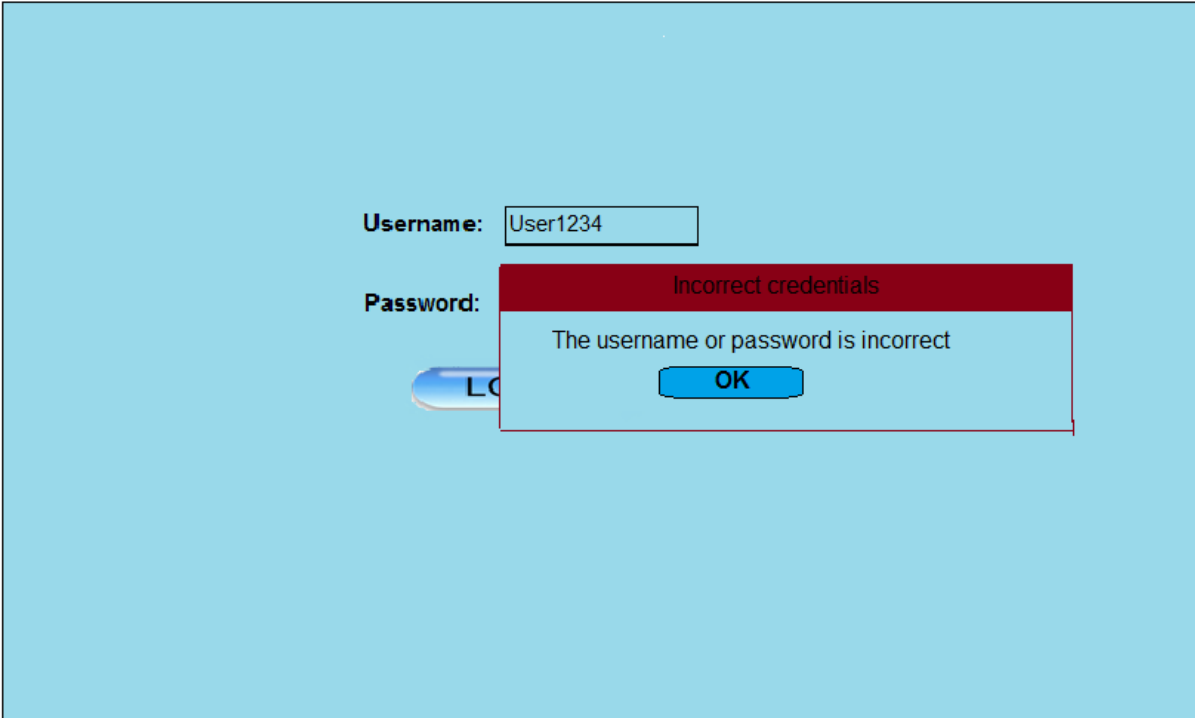
A login screen with a light blue background. It features two input fields: "Username:" and "Password:". Below the password field is a blue, rounded "LOGIN" button.

Username:

Password:

**LOGIN**

### Login screen – incorrect credentials



The login screen is shown with the "Username:" field containing "User1234". An error dialog box is displayed over the "Password:" field and the "LOGIN" button. The dialog has a dark red header "Incorrect credentials" and a light blue body with the text "The username or password is incorrect". An "OK" button is at the bottom right of the dialog.

Username:

Password: 

Incorrect credentials

The username or password is incorrect

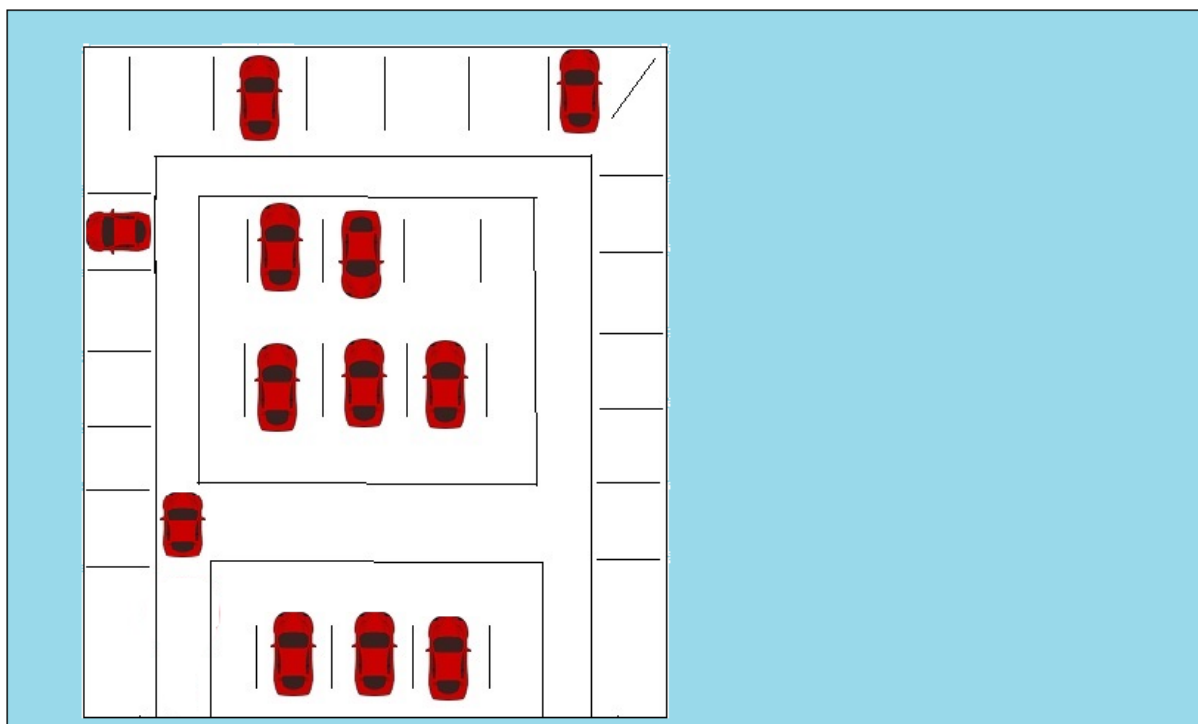
**OK**

**LO**

## Admin menu



## View parking lot



## Security Official management

**Security Official Management**

Add Security Official

Remove Security Official

**Security Official Management**

**Add Security Official**

---

Username

First name

Surname

Password

Confirm Password

Mobile number

Add

## Security Official Management

First name	Surname	Mobile Number	
John	Doe	123456789	<input type="button" value="Remove"/>
Jane	Doe	987654321	<input type="button" value="Remove"/>

Delete Security Official

Are you sure you want to delete Jane Doe?