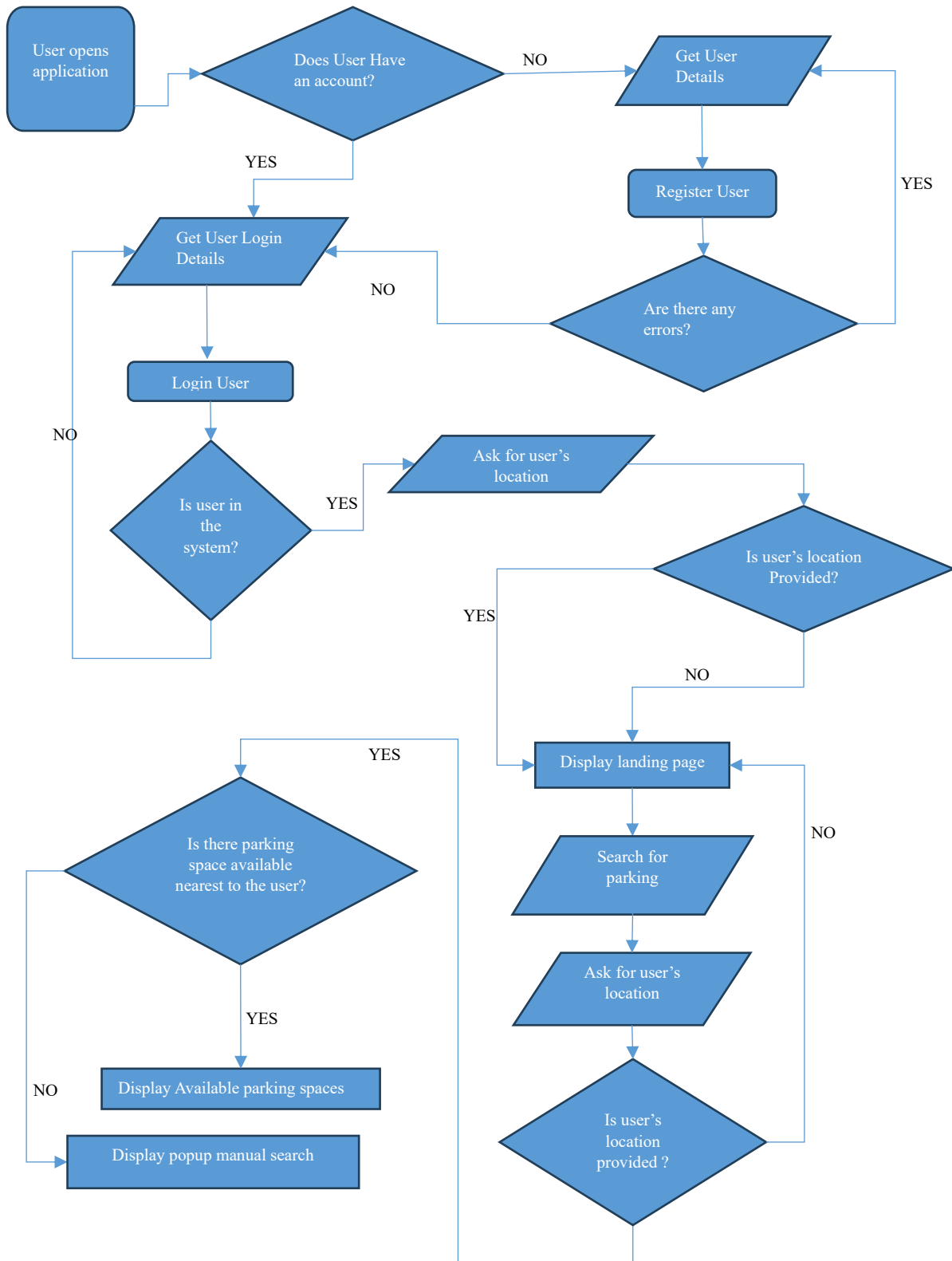


FLOW CHART OF FRONTEND



PSEUDOCODE

1.1 USER AUTHENTICATION

User = None /* set globally */

message = None /* set globally */

IF user_has_account THEN

 TRY

 AWAIT Register_new_user

 Set message

 Redirect to login page

 CATCH

 Set message

 Display Error popup

 FINALLY

 Display message

ELSE

 TRY

 AWAIT Login

 Set message

 Set user

 Redirect to landing page

 CATCH

 Set message

 Display Error popup

 FINALLY

 Display message

END IF

1.2 AT LANDING PAGE

```
location = input "Enter user Location" /* global */
```

```
display Landing Page
```

```
navigation = input "Enter Page to view" /* global */
```

```
IF navigation is correct THEN
```

```
    Redirect to navigation
```

```
    IF navigation == search parking page THEN
```

```
        Redirect to search parking page
```

```
    ELSE IF navigation == show history page THEN
```

```
        Redirect to show history page
```

```
    ELSE IF navigation == current page THEN
```

```
        Display landing
```

```
    ELSE
```

```
        Display Error Page
```

```
END IF
```

1.3 AT SHOW HISTORY PAGE

```
history = null /* local */
```

```
IF history != null OR history.length != 0 THEN
```

```
    Display a list of the place and date the parking space was used
```

```
ELSE
```

```
    Display as text no history saved yet
```

```
END IF
```

1.4 AT SEARCH PARKING

```
possible_parking = null /* local */  
  
Current_location = input "Current location"  
  
IF Current_location != null THEN  
    TRY  
        AWAIT Search for parking  
        Set message  
        Set possible_parking  
        Display Parking spaces found  
    CATCH  
        Set message  
    Finally  
        Display message  
ELSE  
    Set message  
    Display Error popup  
END IF
```