**Specificatii Licenta**

This app is supposed to be an easier way to find a parking spot and prevent the annoying search for one. It is meant to give you directions to a free parking spot near the selected area from your own comfort.

The main parts of this app are:

* Home Page
* Login
* Register
* Search Page
* Client Account
* Admin side

1. **Home Page**This is just the welcoming page where you see the app name, logo/photo/gif and a get started button that will direct you to the login page
2. **Login Page**  
   As expected, you have to login here which directs you to the search page or client account, I am not sure which one is better. If you don’t have an account, you will have to press a button at the bottom of the page and go to register page.
3. **Register Page**  
   Here you must enter first name, last name, phone number, car number, email and password, maybe more details but I am sure on these so far. Then you press register and here is another conflict, should I go to login again or consider registration as a login and direct to the same location as login.
4. **Search Page**  
   Here should be the client account button, a map, a search bar with 2 options:
   1. Search parking near your current location
   2. Search parking near a selected location, here can have saved locations

I want to be able to make in this part something I saw in another app: based on some statistics (or somehow live feed) to tell the user the availability of parking spaces on that street meaning low, medium or high. Also (from me) if those streets have free or paid parking. I want the app to notify the user when the availability changes let’s say from low to medium or something like this.

1. **Client Account**  
   In here I am not sure what to put other than details, maybe “add another car” option, have a parking history so you can remember where you parked some time ago and if it was free or paid maybe. A sign out button has its place here too which redirects you to the login page.
2. **Admin Side**As every admin side, from here you can see the users, manage them and I guess that’s it

This is the app I found that is the closest to what I imagined my app would look like and from which I got a little inspired:

<https://play.google.com/store/apps/details?id=com.worldsensing.fastprk&fbclid=IwAR2iRsg4zjzjFftgwa10vTGU-jePKBVpchxzwV9iMlPcVrqE3-DtKdHXooA>

Basically, what I want my app to do is: the user logs in, searches for parking near County Hospital for e.g. and he gets the streets near the hospital with the availability and the fee (e.g. free parking, blue timpark). Then the user selects a street and is directed there, meanwhile, the user may get a pop-up notification that the availability has changed and there are fewer/more parking spaces. The same happens with the selection of “your location”.