**Java**

* MainActivity.java
	+ Starting activity that allows user to decide what they would like to do
	+ Goes to four different activities
* EnterTime.java - User inputs their license plate and minutes requested
	+ Uses OkHTTP to call read\_from\_db.php to pull all data from the database and stores in JSON Array
	+ Calculates price
	+ Sets time start/end for user
* WhichLots.java
	+ User chooses which lot they are parking in
* ViewLot.java
	+ Decodes JSON array and notes all active spots in the selected lot, setting the spot to taken and disabling the gesture detector
	+ Displays entire parking lot
* Payment.java
	+ User can verify that all the data they have entered is correct
	+ User enters credit card information (just a formality)
	+ add.php is called with a JSON Array being sent to it
* PutPlate.java
	+ Uses OkHTTP to call read\_from\_db.php to pull all data from the database and stores in JSON Array
	+ Asks user for license plate
* ShowTime.java
	+ Decodes JSON Array and gets the information of a car that matches the license plate from the user
	+ If there is no match on license plate, returns to previous activity and prompts user to try again
* GetDate.java - Start of reservation process
	+ Asks user for license plate, what day/time they would like to reserve their spot for, and for how long
	+ Calculates price
	+ Uses OkHTTP to call read\_from\_db.php to pull all data from the database and stores in JSON Array
* Res\_WhichLot.java
	+ User chooses which lot they are parking in
	+ Exact same as WhichLots.java
* Res\_ViewLot.java
	+ Decodes JSON array and notes all active spots in the selected lot, setting the spot to taken and disabling the gesture detector
	+ Displays entire parking lot
	+ Exact same as ViewLot.java
* Ticket.java
	+ Prompts the user to submit a complaint
	+ Doesn’t send email directly, user can choose to go through an app of their liking
* Car.java
	+ Creates car object and holds all information

**PHP**

* config.php
	+ I’m pretty sure this file is just a formality, this isn’t used anywhere
* create\_table.php
	+ Connects to database with login credentials and creates a table
	+ Script ***must*** be ran before installing application
* add.php
	+ Grabs info sent over from Android Studio, puts it in a query and executes, putting all information into the next available spot in the database
* read\_from\_db.php
	+ Selects entire database and stores each row in a JSON Array
	+ Sends JSON Array back to Android Studio