## Go-Jek Parking Lot Problem Solution Instruction

Program specifics :

Language used : Core Java

JVM version : 1.8

Limitations :

-Multithreading not considered

-All data is assumed within allocation to program instance (no DAO layer)

-Driver program and services are coupled , no Dependency Injection

-Not workable in distributable setup

-Not optimized in terms of user patterns or type of queries (So general data structures are used)

-Proper validation is not done on user arguments

-String is used in switch statements so workable on >=1.8

-Few cases are assumed to show usable message to user apart from problem statement

-Below command are supportable (case sensitive)

create\_parking\_lot

park

leave

status

registration\_numbers\_for\_cars\_with\_colour

slot\_numbers\_for\_cars\_with\_colour

slot\_number\_for\_registration\_number

Executing Instructions:

-For File input

java -jar gojek-parking-app.jar {input file path}>>{output file path}

-For Command prompt

java -jar gojek-parking-app.jar