Design a heservation and payment system	for a parking garage
* Product requirements	
- Need to be able to reserve a parking spot and receive some kind of receipt or ficker	- Need to be oble to pay for a parking spot
- system needs to have a high consistency (no two people can reserve the same spot at the same time)	- 3 types of vehicles (compact, regular, and large)
- prices: flat rate based on time but different rate based on vehicle type	
* Public Endpoints	
- /reserve - jerage_id - start_time - end_time	payment L-> parameters: reservation_id  * we could build a payment system ourselves
Lo refurns: - spot_id - reservation_id	OR use a third party service like Stripe, Square
-/cancel L>> params: - reservation_id	
* Internal Endpoints	
-/calculate payment -/  -/calculate payment -/  -/freespots  -> params: - garage_id	allocateSpots  Dopurans:-garage_id  -vehicle_type  - fine
	create_account -> params: - email
* smaller cars can fit into large spots  if necessary and therefore  Should be included in the  Overall number of spots	- Passubrd  Facebook/google to login  LD params: - email - password

