

PROJECT REQUIREMENT	
Project Name	EZParking
Date Produced	October 10, 2022
Functional Requirement	<ul style="list-style-type: none"> ● Backstage management <ul style="list-style-type: none"> - Manage user accounts - Set the parking lot area ● Mobile phone positioning ● Login/Register ● Read parking lot data ● Calculate the distance between the parking lot and the target ● Announcement Tips ● Parking prediction <ul style="list-style-type: none"> - Import class schedule / itinerary - Calculate the possible stop time from the class schedule - Share the forecast results of the parking lot with users
Technical/Performance Requirements	<ul style="list-style-type: none"> ● AWS(map api) ● A* algorithm to calculate distance ● AI deep Learning ● Web socket ● Spring boot ● Spring security ● Redis ● Mysql ● Mybatis plus ● React ● Redux ● Axios ● Tailwind