Q1- What is SOAP Web services and the related technologies explain them. (20 Min)
Q2- What is Agile vs Standard Software development methods.
Discuss what is Scrum and all the related Elements of Scrum. (20 Min)

Q4- Scenario of Renting Car application (enjoy) (60 Min)
\* Discuss about the main elements and present the User Story.

\*Make an architecture diagram with all the possible elements
\*Make Sprint for the 6 months duration.

O3- Function Points and COCOMO , COCOMOII. (20 Min)

Today's exam 12-9-2022

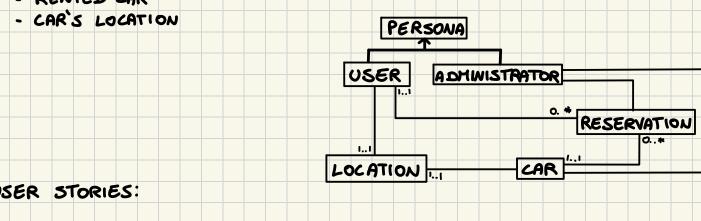
STANDARD METHODS FOLLOW A RIGHD AND SEQUENTIAL APPROACH TO SW development. A classic example is the waterfall hodel. EACH PHASE MUST BE COMPLETED BEFORE HOVING ON TO THE NEXT. THE FINAL PRODUCT IS DELIVERED ONLY AT THE END OF THE PROJECT.

AGLE IS AN ITERATIVE, INCREMENTAL APPROACH TO SW DEVELOPMENT THAT EXPHASIZES FLEXIBILITY GLIABORATION AND CONTINUOUS DELIVERY. SW IS DEVELOPED IN SHALL CYCLES CALLED SPRINTS AND THE PRODUCT IS FREQUENTLY RELEASED IN WORKING INCREHENTAL VERSIONS.

Q3

## MAW ELEHENTS.

- Admin for the system management
- USER WHO WOULD RENT A CAR
- RESERVATION OF A CAR BY A USER
- RENTED CAR



USER STORIES:

AS A USER I WANT TO CREATE AN ACCOUNT TO USE THE APP

as a user I WANT TO VIEW AVAILABLES CARS AROUND HE TO RENT THE NEAREST LAR

as a user I WANT TO RENT A CAR to use it

as a user I WANT TO UPLOAD MY CREDIT CARD TO PAY

AS AN ADMIN I WANTO TO CHECK CAR'S CONDITION TO REPLACE IT IF BROKEN

AS AN ADMIN I WANT TO HAKE SURE OF RESERVATION TO ACLEPT IT

AS AN ADMIN I WANTO TO MANAGE USERS TO CHECK THEIR BEHAVIOR

SPRINT	HAIN OBJECTIVE	DEVELOPED FEATURES
•	ALLESS AND DATA	REGISTRATION, DAUTH, DB
	HANAGERENT	DESIGN, FIRST UI DESIGN.
2	ADDING ADMINISTRATIVE	ADMINISTRATIVE HANAGEMENT OF
	FE AT URES	USERS, CARS AND RESERVATION
3	VIEWING AND	CARS RESERVATION, MAP
	RENTING A CAR	DESIGN, UI IMPROVENENTS.
4		CREDIT CARD LOADING AND
	INPLEHENTATIONS	OTHER PAYMENT HETHOOS.
	OF TRANSACTIONS	FIRST POSSIBLE RELEASE
5	TESTING AND	FUNCTIONAL TESTING AND
	MOLTAZIHILAO	BOG FIXES.
6	OF WERV	FINAL IMPROVEMENTS
	DELIVERY	AND COMPLETE RELEASE