

School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	5
Title of Experiment	Prepare Work breakdown structure, Timeline chart, Risk identification
	table
Name of the candidate	Abdul Ahad
Team Members	Disha Yadav, Shitij Chauhan
Register Number	RA2111028010094
Date of Experiment	21-02-2023

Mark Split Up

S.No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	
2	Viva	5	
Total		10	

Staff Signature with date

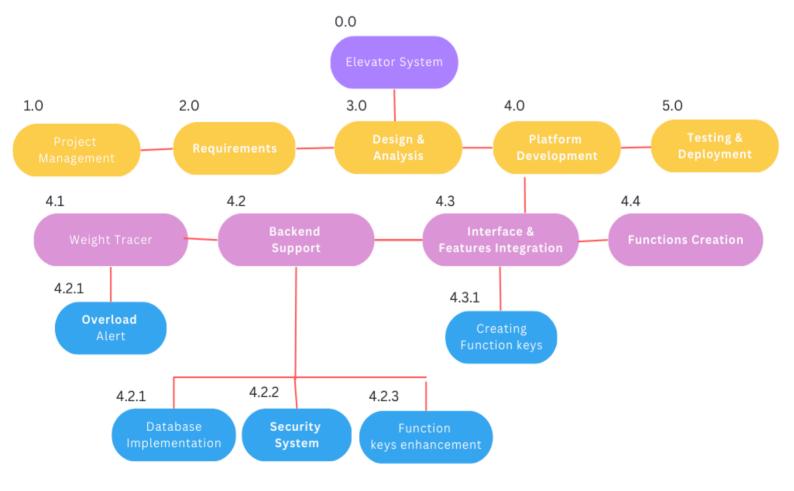
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To Prepare Work breakdown structure, Timeline chart and Risk identification table

Team Members:

Sl No	Register No	Name	Role
1	RA2111028010094	Abdul Ahad	Rep
2	RA2111028010080	Disha Yadav	Member
3	RA2111028010088	Shitij Chauhan	Member

ELEVATOR MANAGEMENT

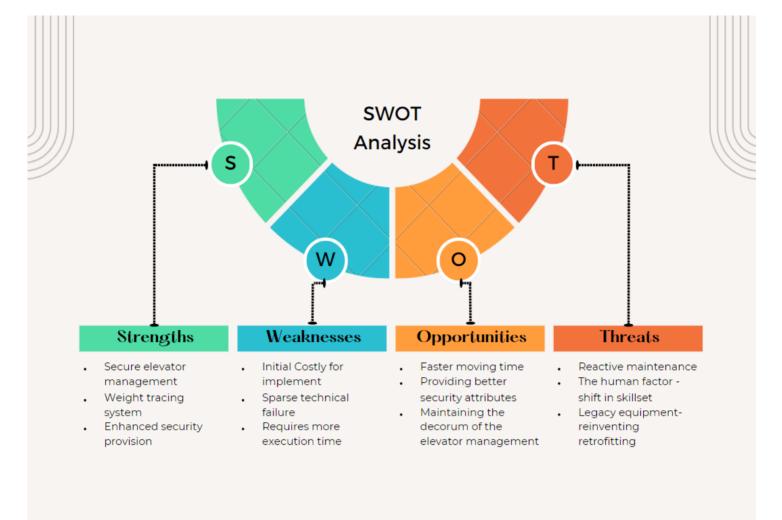


- 0.0 Elevator system
- 1.0 Project Management
- 2.0 Requirements
- 3.0 Design & Analysis
- 4.0 Platform Development
 - ➤ 4.1 Weight Tracer
 - 4.1.1 Overload Alert
 - ➤ 4.2 Backend Support
 - 4.2.1 Database Implementation
 - 4.2.2 Security system
 - 4.2.3 Function key enhancement
 - ➤ 4.3 Interface and features Integration
 - 4.3.1Creating function keys
 - ➤ 4.4 Functions creation
- 5.0 Testing and Deployment

TIMELINE - GANTT CHART

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Reviewing and testing	Module implementation phase 2	Module implementation phase 1	Integrating the database	Creating database for users	Developing basic functioning sites	Back end	Review and finalising	Developing User Interface	Developing basic html structure	Coding and implementation	Review and final	Design main page	Designing	Project timeline review	Risk analysis	Cost estimation	Project management plans	Project Managemengt	System requirements	Non functional requirements	Functional requirements	Identification of requirements	Communication plan	Identification of methodology	Selection of methodology	Identification and methodology	Identify the approach	Understanding the goals	Project approach	Initial Stage	Documents Review	Proposals	Contracts	
3 days	2 days	3 days	6 days	4 days	4 days	22 days	2 days	10 days	3 days	15 days	3 days	7 days	22 days	8 days	2 days	3 days	18 days	25 days	2 days	1 day	2 days	5 days	2 days	2 days	1 day	5 days	3 days	3 days	2 days	8 days	2 days	1 day	3 days	
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None	None	Very High	High	Very High	High	None	High	Medium	Medium	Medium	None	Medium	Medium	Abdul Ahad High	Disha Yadav Very High	Shitij Ch Very High	Abdul Ahad High	Very High	Shitij Ch Medium	Abdul Ahad Medium	Disha Yadav Medium	Medium	Disha Yadav Medium	Abdul Ahad High	Shitij Ch Medium	Medium	Disha Yadav Medium	Shitij Ch High	Abdul Ahad High	Medium	Disha Yadav Medium	Disha Yadav Medium	Medium	4
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RISK ANALYSIS – SWOT & RMMM



RESPONSE	STRATEGY	EXAMPLES
AVOID	Risk avoidance is a strategy where the project team takes action to remove the risk or protect from the impact	 Extending the schedule Reducing/removing scope. Change the execution strategy
TRANSFER	Risk transference involves shifting or transferring the risk threat and impact the third party, rather transfers the responsibility and ownership	 Purchasing insurance Performance bonds Warranties Contact issuance
MITIGATE	Risk migration is a strategy where the project team takes action to reduce the probability of the risk occurring. This does not risk or potential impact, but rather reduces the likelihood of it becoming real.	 Increasing testing Changing suppliers to a more stable one. Reducing process complexity
ACCEPT	Risk acceptance means the team acknowledges the risk and its potential impact but decides not to take any preemptive action to prevent it. It is dealt with only if it occurs.	 Contingency reserve budgets Management schedule float Event contingency

Result:

Thus, the work breakdown structure with timeline chart and risk table were formulated successfully.