

Resource Management Plan

Project Name: Research of Cyber Security Risks Analysis in
Remote Working

Project Number: 01

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MANAGEMENT APPROACH

The purpose of this resource management plan is to describe and estimate the resources needed to complete the project. After this plan has been approved, no changes to resource estimation will be permitted until a change request is processed in line. The project manager will supervise the complete resource management process. The following individuals will be in charge of resource management tasks:

Roles	Responsibilities
Project Manager	Monitoring the resources. Verify the resource estimation.
Resource Planner	Assign the resources for each activity in the project. Develop the resource estimation.
Project Team Lead	Monitoring whether resources arrive at the appropriate time for each task.

RESOURCES ESTIMATION METHOD

The resources for this project are estimated using bottom-up methods. Bottom-up estimation entails estimating resources for individual work items and then adding them to project resources. Also, resource breakdown structure and assignment matrix are used to estimate the project's resources.

ESTIMATE RESOURCES

This section calculates the team resources as well as the types and quantities of materials, equipment, and supplies needed to perform project tasks.

RESOURCE REQUIREMENT

Human Resources

- Project Manager - 1
- Project Scheduler - 1
- Cost Estimator - 1
- Risk Assessor - 1
- Team Leader - 1
- Team Members/ Researcher - 1

Materials

- A4 Paper - 150
- Printing Inks – 1 black cartridge & 1 color cartridge
- Pens - 5

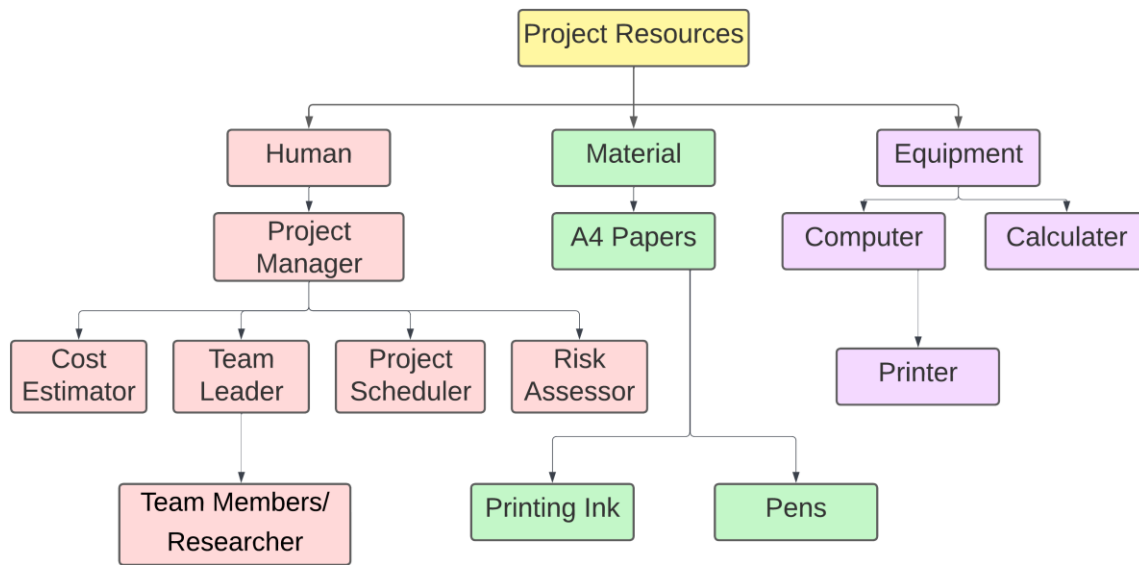
Equipment

- Printer - 1
- Computer - 1
- Calculator – 1

Software

- InstaGantt
- Lucid Chart

RESOURCE BREAKDOWN STRUCTURE



ACQUIRE RESOURCES

The process of assigning resources for each defined task is referred to as acquire resources.

Activity	Resource	Quantity	Assign Duration
Define the scope	A4 papers	10	-
Cost budgeting	A4 papers	10	-
Assess project risk	A4 papers	10	-
Plan the survey questions	A4 papers	5	-
Create the survey	A4 papers	5	-
Gather data	A4 papers	100	-
	Pen	4	5 days
Analyze the data	Computer	1	8 days

	Calculator	1	
	Pen	2	
Interpret information	A4 papers	10	-
	Pen	2	1 day

DEVELOP TEAM

The project manager is in charge of selecting team members for predefined skills for each activity and allocating team members to each project activity. This section lists the predefined skills for each activity and assignment matrix.

TEAM SKILLS

Activity	Skills
Define the scope	Problem solving, Focusing details, Negotiation
Cost budgeting	Financial skill
Assess project risk	Risk management
Plan the survey questions	Focusing on details, Analytical skill
Define the sample	Analytical skill, Interpretation skill
Find the participant	Patience, Flexibility, Communication, Time management
Gather data	Patience, Communication
Analyze the data	Patience, Time management, Analytical skill
Interpret information	Problem-solving, Interpretation skills
Provide recommendation	Problem-solving, Writing skill, Communication

ASSIGNMENT MATRIX

Activity	Researcher/ Team Member	Team Leader	Cost Estimator	Risk Assessor	Project Manager
Define the scope		S			P & A
Cost budgeting			P		S & A
Assess project risk				P	S & A
Plan the survey questions	P	S			A
Create the survey	P	S			
Define the sample	P	S			A
Find the participant	P	S			
Gather data	P	S			
Analyze the data	P	S			
Interpret information	P	S			
Provide recommendation	P	S			

P – Primary Responsibility

S – Secondary Responsibility

A – Approval

MANAGE TEAM

The project manager is in charge of managing the entire team. When a team member lacks expertise for a given activity, skill training should be provided; otherwise, that team member should switch to another activity in which he is skilled.

CONTROL RESOURCES

Both the team leader and the project manager should be in charge of resource control. After the period of a particular activity has expired, the team leader should allocate resources to other tasks. The project manager should keep track of the resources and ensure that they are assigned to each activity as specified.

PLAN APPROVAL

By signing below, I, Sriyantha Deepal in my capacity as Project Manager approve this Resource Management Plan.

Name: Sriyantha Deepal

Title: Project Manager

Sriyantha

Signature

2022/08/06

Date Approved