Progress Report Presentation #2

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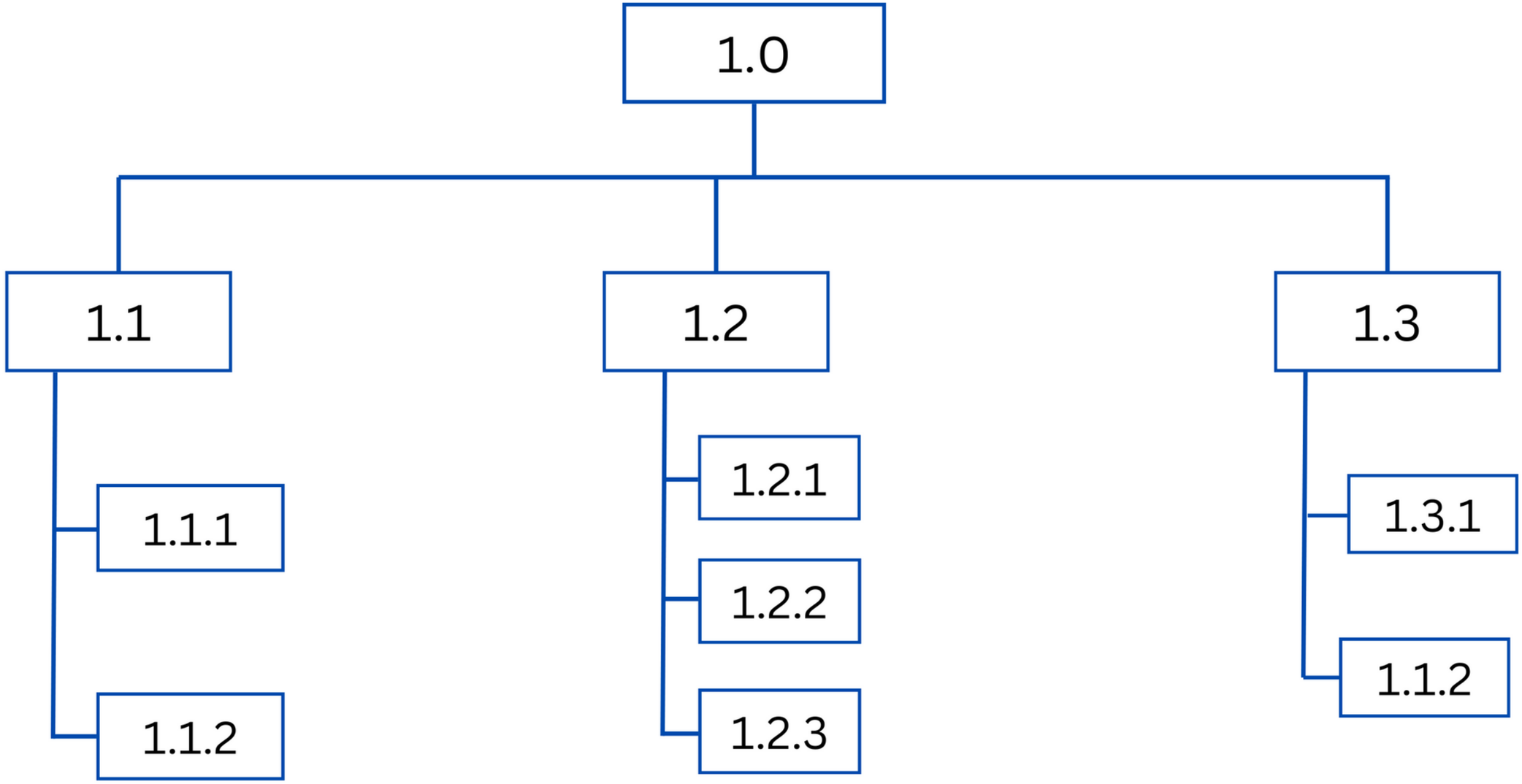
Work Breakdown Structure (WBS)

Breakdown	Description	WBS	Code
MiniPark in KIU			**1.0**
Deliverable 1	**Mini Park Design Proposal**		**1.1**
WP 1	Conceptual Design Development.	1.1.1	
WP 2	Detailed Design Planning	1.1.2	
Deliverable 2	**Community Engagement Report**		**1.2**
WP 1	Survey Analysis and Summary	1.2.1	
WP 2	Focus group synthesis	1.2.2	
WP 3	Stakeholder engagement documentation	1.2.3	
Deliverable 3	**Construction and Implementation Plan**		**1.3**
WP 1	Procurement and Resource Allocation	1.3.1	
WP 2	Construction and Installation	1.3.2	

Work Breakdown Structure (WBS)

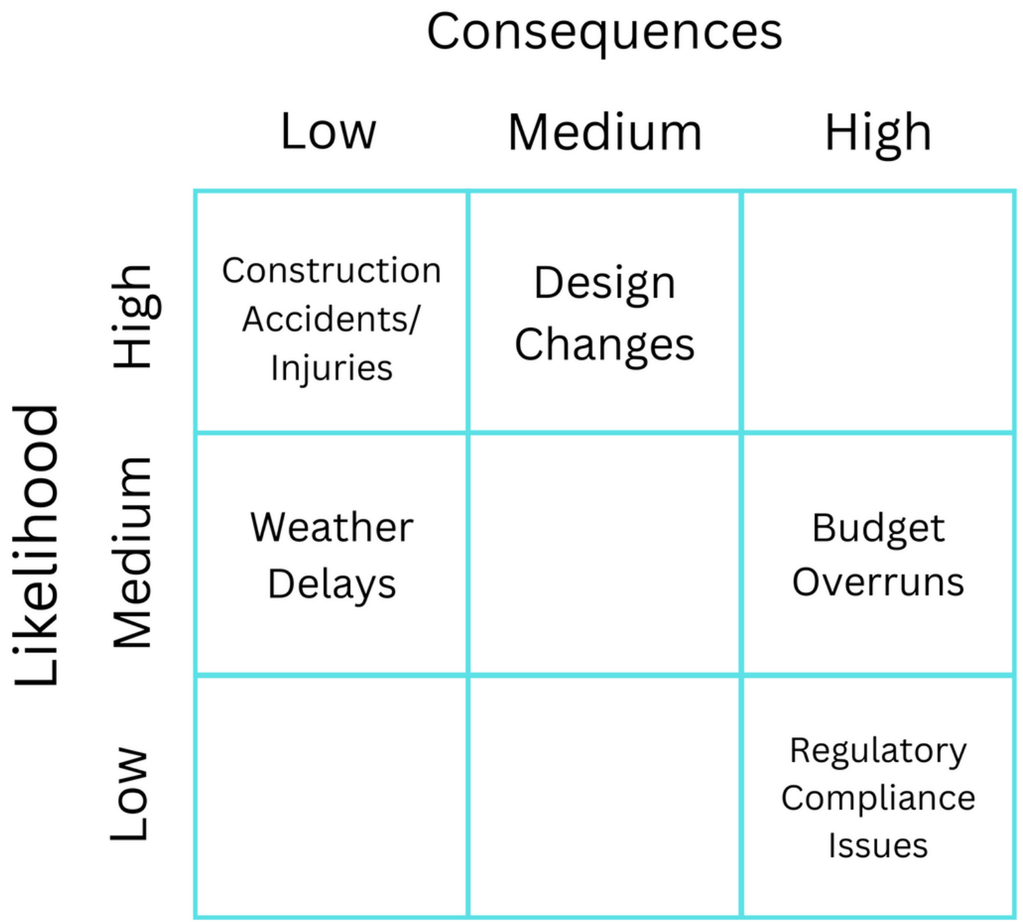


Responsibility Assignment Matrix (RAM)

Deliverable	Task & Code	**Anastasia** Project Manager	**Dima** Procurement Officer	**Anna** Landscape Architect	**Nika** Construction Supervisor	**Giorgi** Civil Engineer
Mini Park Design Proposal 1.1	Conceptual Design Development -1.1.1	■		○	□	☆
	Detailed Design Planning -1.1.2	■	□	☆		○
Community Engagement Report 1.2	Survey Analysis and Summary -1.2.1	○	☆	□		■
	Focus group synthesis -1.2.2	○		☆	□	■
	Stakeholder engagement documentation -1.2.3	☆	○	■	□	
Construction and Implementation Plan 1.3	Procurement and Resource Allocation -1.3.1	☆	○		□	■
	Construction and Installation -1.3.2	■		□	○	☆

Qualitative Risk Assessment

Identified Risk Factors	Likelihood
1. Design Changes	1. High
2. Budget Overruns	2. Medium
3. Weather Delays	3. Medium
4. Construction Accidents/Injuries	4. Low
5. Regulatory Compliance Issues	5. Low



Quantitative Risk Assessment

Probability of Failure	Probability of Failure	Consequences of failure	Consequences of failure
1. Design Changes	0.7	0.5	Overall project
2. Budget Overruns	0.5	0.7	Budget
3. Weather Delays	0.5	0.1	Schedule
4. Construction Accidents/Injuries	0.1	0.1	Schedule and Budget
5. Regulatory Compliance Issues	0.1	0.9	Overall project
Average	**0.38**	**0.46**	
Project Risk Factor	**66.52%**	**Medium Risk**	

Project Risk Factor (RF) = P + C - (P) X(C) = 0.38 + 0.46 - (0.38 x 0.46) = 0.84 - 0.1748 = 0.6652

According to the severity levels, this would be classified as **Medium Risk**.

Mitigation Strategies

Design Changes	Budget Overruns	Weather Delays	Construction Accidents	Regulatory Compliance Issues
Minimize	**Share**	**Accept**	**Accept**	**Minimize**
Engage stakeholders regularly and provide detailed design specifications to reduce the likelihood of major changes, minimizing budget and schedule impacts.	Use contingency funds and negotiate fixed-price contracts to share risk with stakeholders, mitigating budget deviations.	Buffer time in the schedule and flexible scheduling with contractors can mitigate the impact of weather delays, considering their low consequence level.	Standard safety protocols and regular inspections can mitigate the low likelihood of accidents or injuries to an acceptable level.	Thorough research, obtaining necessary permits, and legal expertise can minimize the risk of costly penalties or delays due to non-compliance with regulations.

Sources

Risk Management for Parks & Recreation

https://static1.1.sqspcdn.com/static/f/535253/27669227/1503979913633/Risk+Management4+parksrecmanual.pdf?token=ytS2zQrkWp53h9hCKo8eShAwJwQ%3D

ThanKIU For Your Attention!