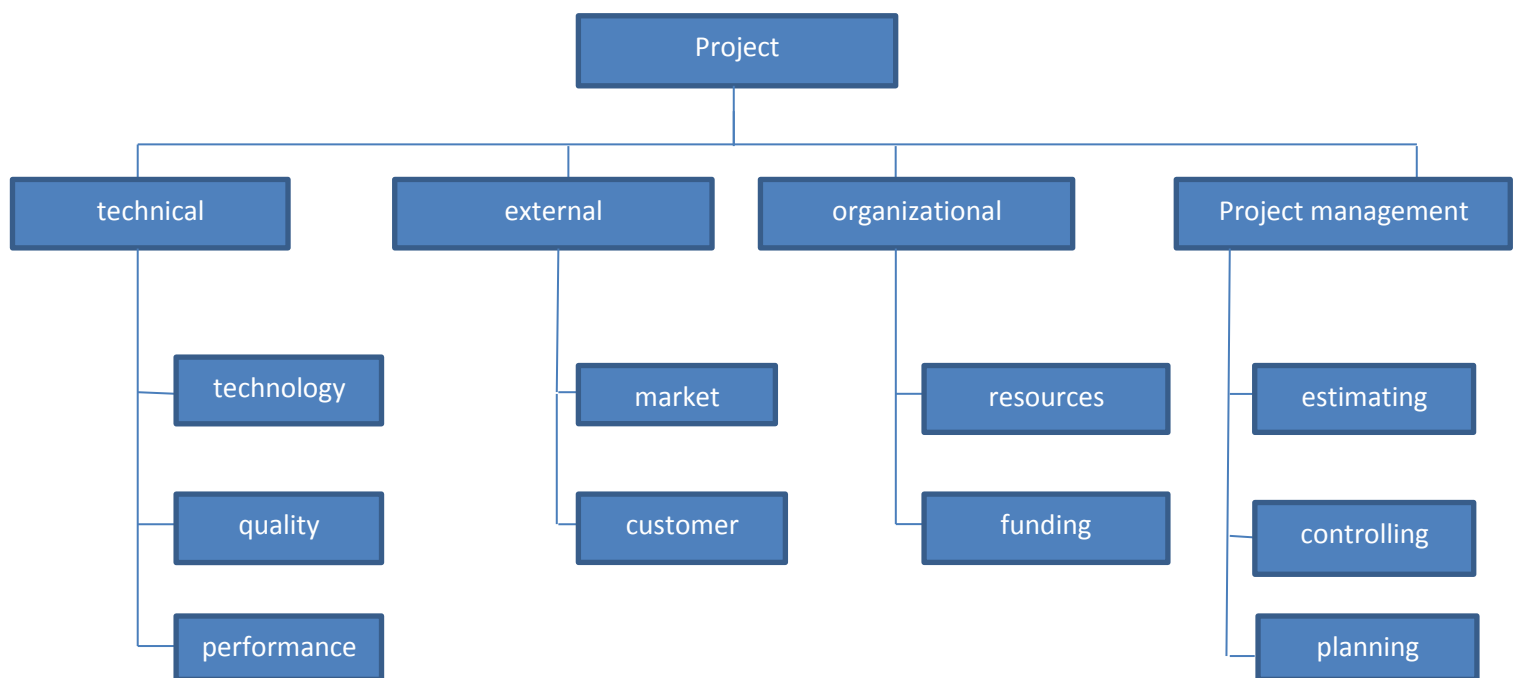


* Risk Management *

- Risk management process :

1- Risk Identification

Risk Breakdown Structure



2- Risk Response Development

1- **Mitigating Risk**: corporate progress of techniques to maintains quality.

2- **Avoiding Risk** : by using modern tools to decrease future risks.

3- **Transferring Risk**: by transforming programming language from ios to web application.

4- **Accept Risk** : now we recognition that some techniques better than used in our app.

3- Contingency Planning

- 1- Technical risk: we will use modern occasion techniques for our app and at the same time we must considerate risk represented in new tools that probably touched our project.
- 2- Schedule risk: we set schedule 3 weeks to finish our project and we contingenced 1000\$ to enhance probably risk.
- 3- Cost risk : if we need more tools to enhance some side of project the cost will be increased .
- 4- Funding risk: if the funding increase we will face more risk such cost risk and schedule

4- opportunity management

- 1- Exploit: by decrease the time for fix some side to buy some contents and develop it.
- 2- Sharing: by set some goals to enhance quality of our app.
- 3- Enhance: by choosing occasion tools to provide quality.
- 4- Accept : by benefits from risk if it happen.

5- contingency funding and time buffers for project:

-budget reserves

-management reserves

Contingency Fund Estimate

activity	Budget Baseline	Budget reserves	Project budge
design	1000\$	500\$	1500\$
Code	1500\$	1000\$	2500\$
Test	500\$	200\$	700\$
subtotal	3000\$	1700\$	4700\$
Management reserve	--	--	2000\$
total	3000\$	3000\$	11400\$

* Risk Assessment *

-Defined Conditions for Impact Scales of a Risk on Major Project Objectives

Project objective	very low	low	moderate	high	very high
Cost	Insignificant cost Increase	< 13% cost Increase	15–20% cost Increase	30–40% cost Increase	> 55% cost Increase
Time	Insignificant time Increase	< 10% time Increase	12–10% time Increase	15–20% time Increase	> 40% time Increase
Scope	Scope decrease barely noticeable	Minor areas of scope affected	Major areas of scope affected	Scope reduction unacceptable to sponsor	Project end item is effectively useless
Quality	Quality degradation barely noticeable	Only very demanding applications are affected	Quality reduction requires sponsor approval	Quality reduction unacceptable to sponsor	Project end item is effectively useless