

## CMPE 285

### Lab: Project Management Problem

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With the effective undertaking design proposition, our startup has a 2 million USD financing. As we are drawing nearer to the beta discharge date, it is seen not to keep running on few android adaptations. So as to address this issue, we can begin by influencing an itemized issue to log, expressing every issue and after that transparently talking about it with the group to think of appropriate arrangements. Correspondence inside the group, backs out the anxiety and gives everybody itemized data on what they have to do.

Following are some of the key project management concepts that we will use to address the situation:

**1. Understand the issue:** We will initially endeavor to comprehend the specialized issue by playing out a definite **root-cause analysis**. It is essential to make sense of the abnormal state purpose behind the product not chipping away at a few renditions of android. It can be similarity issue or some coding blunder.

**2. Risk Analysis:** Our project management team will do the definite investigation of risks involved with the specialized issue on the task due dates. Analyze that the hazard ought not prompt undertaking extension sneak in future. Additionally, the dangers on money related spending plan, accessible assets and so on because of the issue will be assessed by our group.

**3. Documenting the issue:** Issues should be recorded when they happen. We will make issue log to give an apparatus to revealing and discussing what's going on with the venture. This ensures issues are surely raised, and after that explored and settled rapidly and viably. Likewise, we will:

- Have a sheltered and dependable technique for the group to raise further issues.
- Track and allot obligation to particular individuals for each issue.
- Analyze and organize issues all the more effortlessly.
- Record issue determination for future reference and venture learning.
- Monitor general venture wellbeing and status.

**4. Setting realistic goals:** We will set realistic objectives and desires for everybody will's identity engaged with the venture to tackle the issue in the given due date. We will characterize the sensible due dates for the issue as underneath:

S.NO.	TASK IN HAND	RESPONSIBILITY	DEADLINE
1.	Issue Analysis	Technical Head	March
2.	Risk Analysis	Project Manager	March
3.	Issue Replication	QA Lead and Technical Head	01 April- 05 April
4.	Technical code review	Technical Head	06 April- 15 April
5.	Issue debugging	Technical Lead	16 April- 30 April
6.	Test plan and Unit testing	QA Lead	1 May- 10 May
7.	Compatibility Testing	QA Lead	11 May-14 May
8.	Integration testing	QA Lead	15 May-20 May

**5. Defining clear communication:** The project management head will guarantee there is productive communication between the members through up close and personal gatherings.

**6. Maintain momentum:** Product management head will guarantee that the group remains on track and isn't lost in subtle elements. The group works reliably in the tight calendar before the arrival of the product in June.

**7. Track progress:** The administration group will track the advance on the testing, de-pestering, quality confirmation and so on exercises of the undertaking on week after week premise through week after week stand-up gatherings. The group will gather the key execution markers and show how the product is moving forward.

We will characterize the advance in determination of issue as far as:

- Open – The issue has been identified, but no action has yet been taken.
- Investigating – The issue, and possible solutions, are being investigated.
- Implementing – The issue resolution is in process.
- Escalated – The issue has been raised to management or the project sponsor/steering committee, and directions or approval of a solution is pending.
- Resolved – The resolution has been implemented, and the issue is closed.

**8. Efficient testing mechanism:** We will define and implement efficient test plan to check the working of the software after resolving the issues.

**9. Resolution description:** We will include a brief description of what was done to address the issue. We will also document the causes of the issue and other feed-back of the issue.