

# To-Do List

## Process Assessment Document

### Project 2, Team 6

#### Team members (as per alphabetical order)

- Akash Agarwal
- Arvinder Saini
- Manika Andotra
- Qianqian Wang

#### Process used

The process used in the Android To-Do List program is evolutionary prototyping model.

#### Activity assessment

Activity Name	Quality of Deliverable
Project Plan	92: The plan was precisely scheduled for members to follow. The estimation of LOC was quite different from the actual lines.
Requirement Analysis	95: The team identified basic requirements desired by the customer at first and gathered almost all requirements after getting feedback from the customer.
Prototype	92: The initial prototype the team developed was simple and missed some functionality. The revised prototype catered to most of customer's need.
Design	94: The assumptions, constraints and system environment are all well-defined. The architecture and detail are well-designed and projected.
Code	96: The code was developed based on low-level design and contained all desired modules. It was clear and understandable.
Testing	90: The test plan strategy and test cases were designed to verify that the application could behave as expected in requirement. Code was tested against all major test cases and found to withstand majority of the tests.

	But testing was not conducted with JUnit as expected in test plan.
User Document	96: The user documentation contains detailed explanation about how the app works. It was well developed keeping in mind as naive a user as possible.

## Productivity assessment

- Total time spent – The total time spent on the project is about 40 hours.
- Total lines of code in delivered product – The total lines of code in delivered product is about 3500.
- Total lines of user documentation – The total lines of user documentation are around 250.
- Productivity score: The productivity score is 94.

## Quality assessment

- Total number of test cases: 30
- Total number of defects found during testing: 8
- Total number of defects fixed: 8
- Quality score: (0-100, with rationale for score): 96

## Recommendations

The team has done pretty well in the whole process. The software development process could be improved if we considered more thoroughly about coding and testing phase and gave a more accurate estimation of LOC.

## Summary

The overall performance of the team was quite acceptable. The product was developed closely following the process of prototype model and satisfied customer's requirements. Deliverables in each phase of prototype model were implemented to a highly considerable level.