Social Productivity Platform - Opacity

**Mr. Abhishek P. Bhalerao*1, Mr. Nikhil S. Jadhav*2, Mr. Raghuveer R. Pawar*3,
Mr. Faraz A. Khan*4, Prof. Dr. Priti N. Metange*5**

*1-4 Students, Department Of Computer Engineering, MET Institute of Engineering,
Nashik, India.*

*5 Guide, Department of Computer Engineering, MET Institute of Engineering,
Nashik, India.*

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Abstract - The task management is important constraint for developing any application, software or any kind of project. But developing many of this with easiest manner along with social networking services, managing meeting, creating tasks/ objectives for individual or team with single dashboard with keeping user experience values is not provided by any platform at low-cost. Thus, we intended to design a single platform which can be used by individual, colleges for student project, personal-collaborated project, and companies to create, to manage, to modify, to globalize the project they created. On this platform a project created by one can be upgraded to team, to organization, also, college project can be managed after passing out from college by one or team or organization.

Key Words: Analysis, Productivity, Application, Social, Platform, Management

1. INTRODUCTION

During nCov-19 pandemic, most of the work is going from home so the problems of team connectivity is increased. Requirements of Productivity Tools are also increased along with this. While working as intern we also faced issues of always connected development as well as these problems are quite similar to new start-up/ non-start-up teams, individual, CS/IT college project groups. These problems can be like, communication, scheduling, task management, fund management, meet arrangement, objective marking. To overcome the problems of community, connectivity and fund management we are designing the all-new Android application 'opacity'. Opacity is going to be designed as collaborative-productivity tool which will be designed on the basis on social media platform but helpful in communication, task management, calendar scheduling and fund management etc. The code name Opacity reflects the 0-Transparency for Project Work. The code name Opacity reflects the 0-Transparency for Project Work.

2. LITERATURE REVIEW

For Opacity application we used various structures, methods and algorithms. Every management application uses different kind of technologies to secure the application and to make it better for users. We have used some following components here,

A. AES Encryption

AES stands for Advance Encryption Standard which is used in various things and very popular among security industry. This algorithm uses special kind of structure or we can say its own unique structure to encrypt and decrypt the data. It is extremely difficult to hackers to get the real data when encrypting by AES algorithm. Till today there is no one who is able to break or hack this algorithm. AES algorithm has ability to deal with 128, 192 and 256 key sizes and each of these ciphers has 128-bit block size. [1]

B. Project Management and Productivity

In project management productivity of any product is get measured according to the output it produces and in what time. The focus shifts towards more intangible outcomes or impacts, and strategic value when considering the contribution of program and portfolio management. There is no unique or special kind of framework to create project management practices and productivity. Current evidence tends to be based on self-perception or self-reporting data, often collected through surveys. Although a unifying framework is likely to be neither possible nor desirable, it is important that those who evaluate the productivity impacts of project management practices clarify the terms of reference used. [2]

3. Social Productivity Platform

As now every organization is doing whole work online or we can say work from home so there is a need of a management software or application to manage all the projects on a single platform easily without any complexity. Opacity is a social productivity management platform app for small scale teams that connects people to the project development for they are hired or working. By bringing people together to work as one unified team, opacity transforms the way that organizations communicate.

Opacity allows team members to start their project thread, invite people, communicate in between, logged up their task and objectives, manage their schedule between team and clients. Along with this opacity can be used as Money/Fund manager for small teams, to avoid extra work of hiring a person whoever going to handle this. The basic concept of this application is, Mobile devices are becoming ever more important due in main to their ubiquity. The number of mobile phone subscribers will increase to 400 million in 2022 in India,

because of the growth of smartphones in developed nations and mobile services in poor nations. Industry predictions are that the sales of smart-phones will surpass that of ordinary mobile phones. Social Productivity Platform – Opacity is understood as the process of coming to know and being able to operate successfully in and across ever changing contexts and project spaces and create successful project.
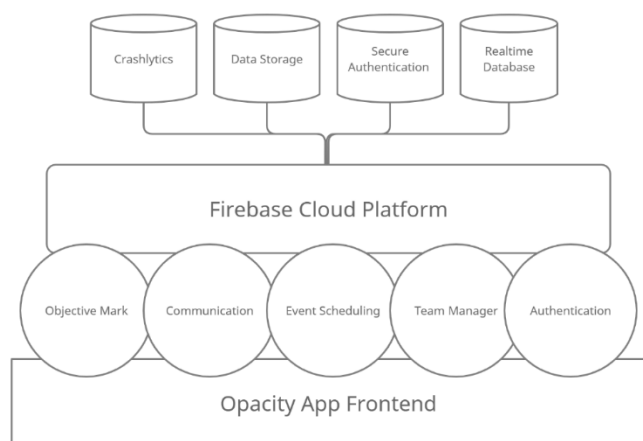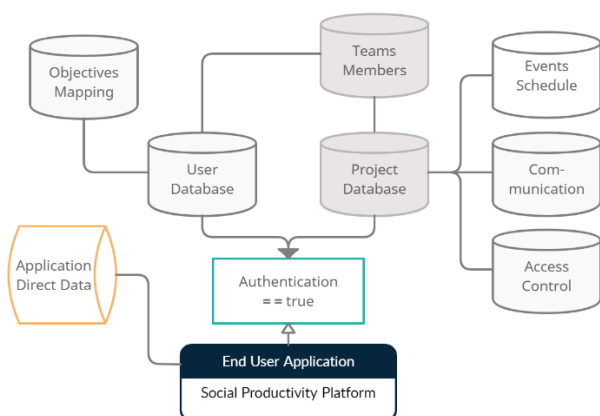

Fig -1: App Architecture

Fig -2: App Workflow

4. EXAMPLES

- A developer's project
- School and college student's projects
- For teams
- For start-ups and micro-organizations

5. APPLICATIONS

Social Productivity Platform is a project management platform and basically it can use at anywhere where we need to manage whole project like in school, collages or in every organization. It is easy to use and simple to manage by any user.

6. CONCLUSION

Social networking is individual part of human life now. Sometime team members not allowed to disclose any information on social media. This app going to provide social connectivity in team without disclosing it on Internet publicly, so team mates can share data, snaps in between team and not

on internet. Using Objective marking, communication and event scheduling team can able to markup their progress on app.

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