

VENDOR QUOTE TRACKING APPLICATION

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Abstract— The Proposed work is an ANDROID based MOBILE application which an organisation possess to complete the vendor selection process. Authorized vendors will be able to install mobile application to submit quotation for the requisition which will be raised by the organisation within active period. Each vendor gets different login credentials to complete this process through the application. Authorized vendor will be able to login using registered mobile number with OTP.

Once successful login, user will be able to see active and inactive request for the same day in dashboard. This process will be divided under – Pending, Submitted, And Expired. For new / modified requisition vendor will receive notification. Once entered vendor can see his submitted quotations on submitted page and can re-submit the quote. Vendors can see all the expired quotes.

Index Terms— Android, Android Development tools.

I. INTRODUCTION

Android Studio is one of the IDE for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is present for download on Windows, macOS and Linux based operating systems.

It is a substitution for the Eclipse Android Development Tools (ADT) as the primary IDE for native Android application development. Android Studio was presented on May 16, 2013 at the Google I/O conference. It was in beginning access preview stage starting from version 0.1 in May 2013, then entered beta stage starting from version 0.8 which was released in June 2014. The first steady build was released in December 2014, starting from version 1.0.

Since May 7, 2019, Kotlin is Google's favoured language for Android app development. Now, other programming languages are supported by Android Studio, such as Java and C++.

Android Studio helps all the same programming languages of IntelliJ (and CLion) e.g. Java, C++, and additional with extensions, such as Go; and Android Studio 3.0 or later supports Kotlin and "all Java 7 language attributes and a subset of Java 8 language attributes that vary by platform version." External journals backport some Java 9 features.

While IntelliJ that Android Studio is developed based on all released Java versions, and Java 12, it's not clear to what

level Android Studio supports Java versions up to Java 12 (the documentation refer to partial Java 8 support). At least some new language attributes up to Java 12 are usable in Android.

II. EXISTING METHODOLOGY

The selection of vendors for a particular material is manually done by the organisation.

Organisation chooses the quotation given by the vendor.

In this system, organisation need to meet separately every time for every different vendor and collects their quotation.

They need to evaluate and finalise which quotation is best and favours the organisation.

A. DISADVANTAGES OF EXISTING SYSTEM

The selection of vendors is very challenging task.

Manual selection by visiting is costly.

Need to incorporate many resources.

Evaluation of Quotation is difficult.

Communication may not be frequently possible.

Consumes lot of time.

III. PROPOSED SYSTEM

The Proposed system is an mobile based android application which an organisation possess to complete the vendor selection process.

Authorized vendors will be able to install mobile application to submit quotation for the requisition which will be raised by the organisation within active period.

Each vendor gets different login credentials to complete this process through the application.

A. BLOCK DIAGRAM

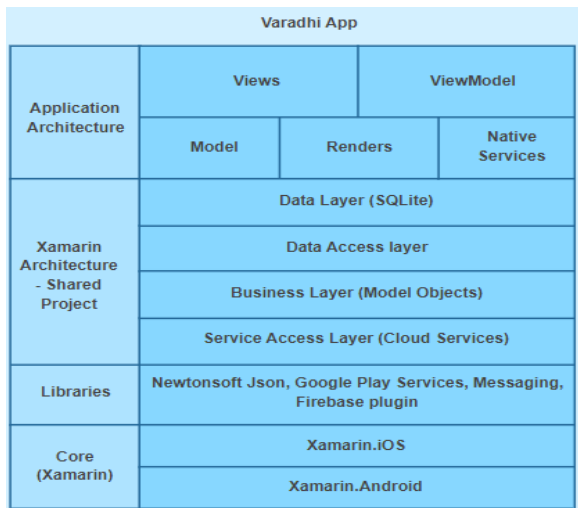


Fig.1. Block Diagram

B. METHODOLOGY

Authorized vendor will be able to login using registered mobile number with OTP.

Once successful login, user will be able to see active and inactive request for the same day in dashboard.

This process will be divided under – Pending, Submitted, Expired.

For new / modified requisition vendor will receive notification.

Once entered vendor can see his submitted quotations on submitted page and can re-submit the quote.

Vendors can see all the expired quotes.

IV. EXPERIMENTAL EVALUATION

1. Register Screen

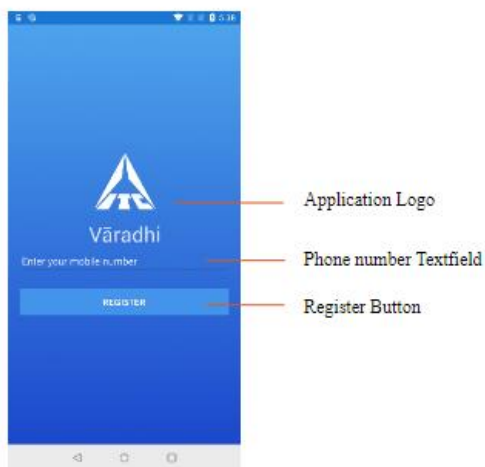


Fig.2. Register

2. OTP Screen



Fig.3. OTP

3. Create New Password Screen

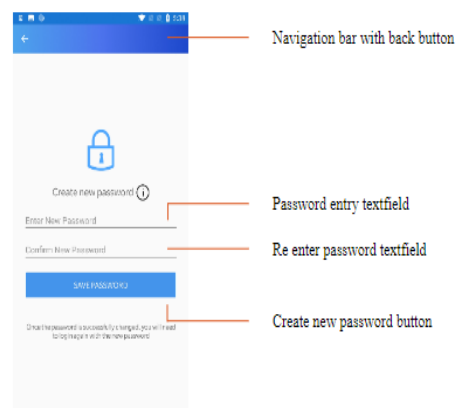


Fig.4. Create New Password

4. Login Screen

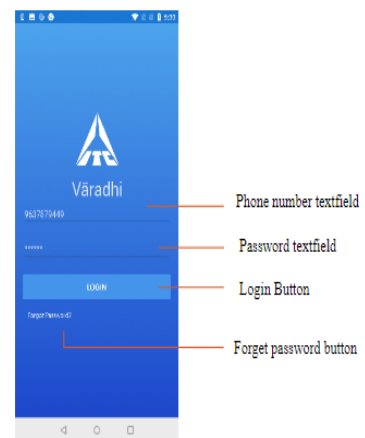


Fig.5 Login

5. Dashboard Screen



Fig.6. Dashboard

V. CONCLUSION

Authorized vendors will be able to install mobile application to submit quotation for the requisition which will be raised by the buyer within active period. The main concept of this journal is to provide the high-level solution architecture.

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