

Pronto Login Application

PID:

Domain: Android Application

Abstract:

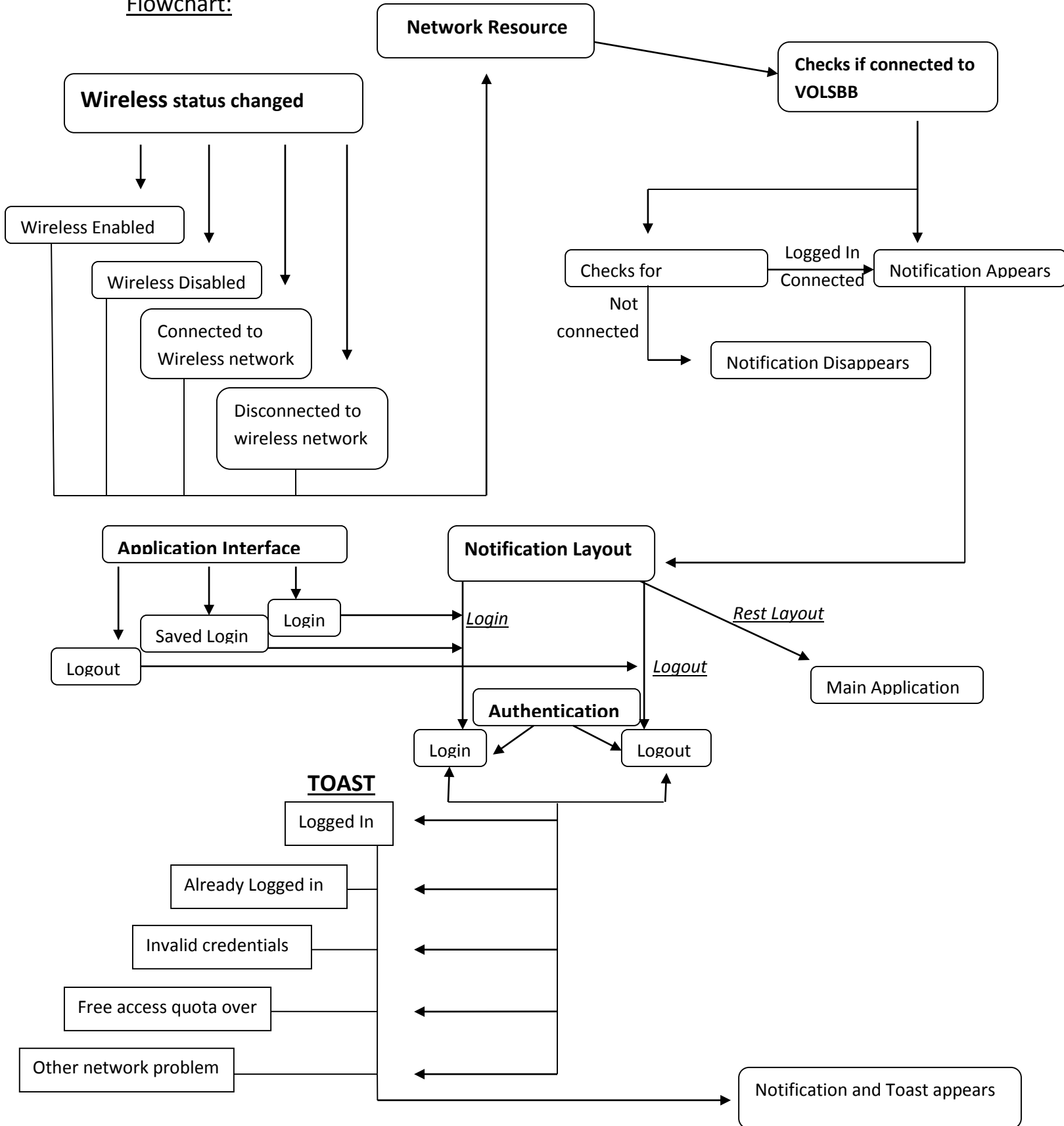
- Problems

- Connecting to the VOLSBB wireless network which further directs us to another link for logging into their service, this result in a complex structure of connectivity, thus more time consuming for the user.
- Typing in your credentials to login every time you connect to VOLSBB thus makes it infeasible and inefficient.
- Inconsistency in the connection which compels the user to login repeatedly to their network.

- Solution

- User friendly interface enabling the user to connect to the network easily and without any extra further efforts.
- As soon as the network gets available, user gets immediate notification on their screen prompting them to login or logout.
- Inconsistency in the network will not prompt the user to enter your credentials repeatedly; user is required to login through the pop up in their notification panel.
- Notifies the user when their permitted free quota access gets expired.
- Need to save your credentials just once and then you have easy access of connecting by just one click in your notification bar

Flowchart:



Functional and Non Functional Requirements

- Functional Requirements
 - Automatic Login: Only one time login is required for saving your credentials and afterwards you just need to access through the notification feature.
 - Inconsistent network: Inconsistency in the network prompting you to enter your credentials repeatedly is resolved by notification feature.
- Non Functional Requirements
 - Zero latency: Zero delay in notification feature where the application respond to the detection of the VOLSBB network.

Timeline

The project was initiated on 15th January and was completed in a span of 7 days.

Implementation

- Resources Used : Android SDK libraries-version 24.1.2

Team Members

This was a standalone project.

- Developer : Prince Bansal
(13BIT0222)
- Designers : Vishal Pisharoti(13BAM0018)
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Future Scope

- This user friendly login app which is currently accessible within the University level is potentially viable to be accessible in private networks of Small and Medium Enterprise (SME) level.

Volsbb OneTouch Version 1.1

This update was released on 4th April, 2015. It was a major update and include some of the listed feature.

- Auto Login: User can switch on the auto-login feature and login to volsbb as soon as it is connected on phone automatically.
- Data Usage: User can know their data usage of the current month cycle by selecting their renewal date. They also have option to view their data used from past two years to present by selecting the corresponding start date.