

Internship



By : Shivkant Sisodiyaip

Company Background

- Ksolves is an award-winning software development firm providing services to organisations of all sizes, right from Small and Medium scale companies to startups building their business. We leverage the latest technologies to untangle complex client problems and put them on a path to success.
- Ksolves India Limited is a publicly listed company on India's largest stock exchange, National Stock Exchange (NSE), having a team of 350+ developers and architects and 30+ global clients with our Offices in the USA, India & East Africa.
- Our expertise includes Apache Spark, Apache Cassandra, Apache NiFi, Salesforce, Machine Learning, Artificial Intelligence, OpenShift, Microservices, Penetration Testing, DevOps etc.



Objectives

- To reduce the gap between Academia and Industry.
- To achieve real world experience.
- To learn advanced techniques associated to related field.
- To develop skills and techniques directly applicable to the carrer.


Internship details

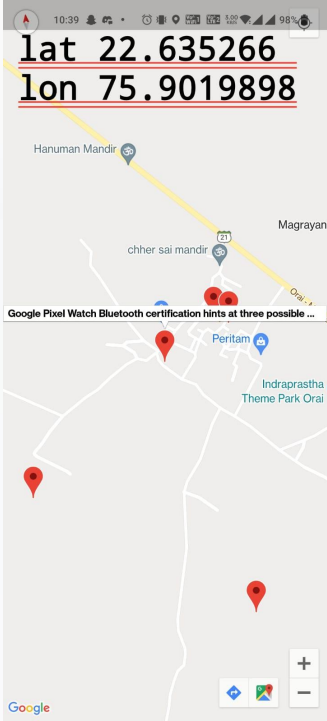
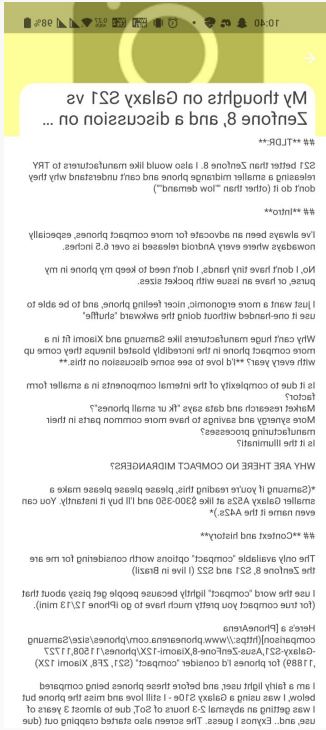
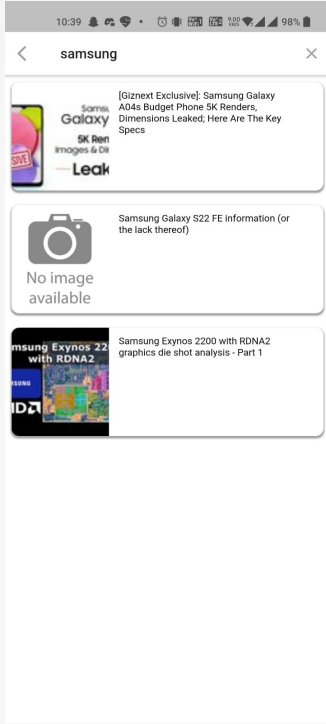
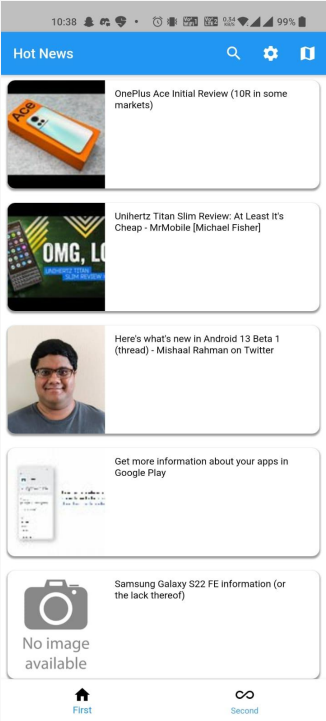
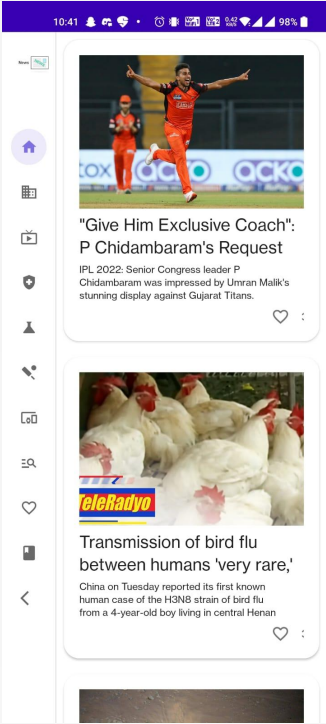
- Start Date : 4 Oct 2021
- End Date : 30 June 2022
- Total Duration : 9 Months
- Position : Intern
- Mentor : Chinmay Mourya
- Job Role : Android / Flutter Developer

Analysis of Activity Done

- Training
- Project Assignment

Training

- Introduction To Dart
 - Setting up Flutter
 - Introducing Widget
 - Common Widget in Flutter
 - Stateless and Stateful Widgets- The Concept
 - Navigating through Navigation
 - Handling User Input.
 - User Interface
 - Asynchronous Functions
 - Working with Remote Data
 - Using 3rd Party Packages
 - Other Useful Widgets
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- A decorative graphic on the right side of the slide, consisting of several overlapping, curved, wavy shapes in light blue, yellow, and dark blue, creating a modern, abstract background element.

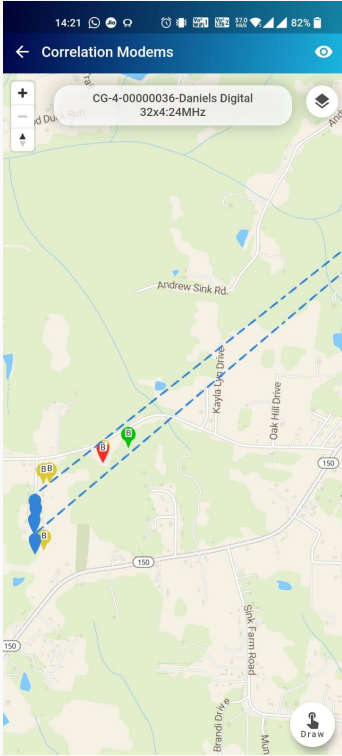
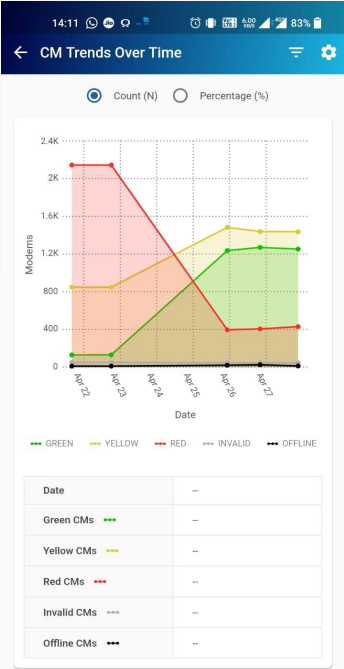
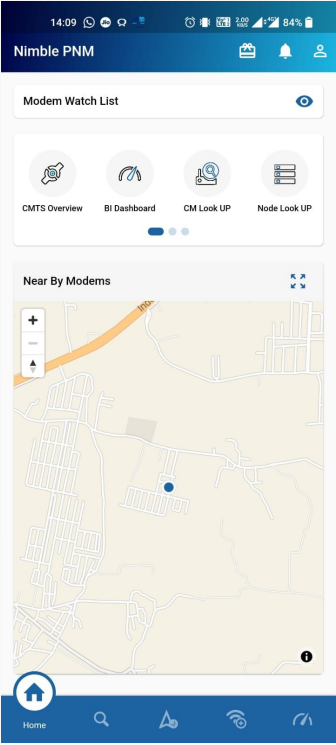
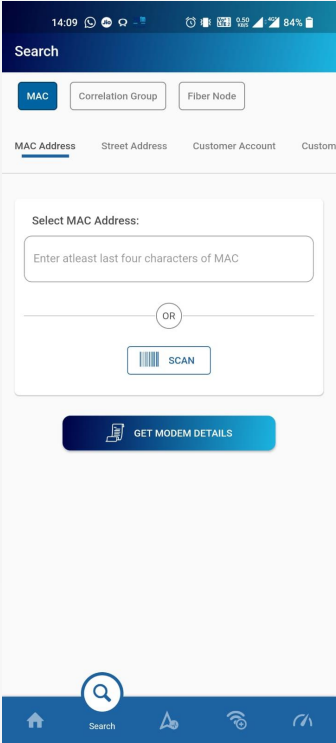


Project Assigned : Nimble This

- Nimble This Inc. is the leading developer of commercially available proactive network maintenance PNM solutions for cable operator's worldwide. We are a friendly, honest company that embrace good values and hard work. We work with the best in the industry and are active with CableLabs. We have a proven track record with the longest running commercially available PNM platform. We have come out with yearly version upgrades, starting at 1x, 2x, 3x, and in 2017 4x. These updates always include huge feature improvements and advances.



Screenshots



This screenshot shows the 'Upstream Correlation Group' screen in the Nimble PNM app. The screen displays detailed correlation data for two specific modem groups. The first group is 'CG-4-00000036-Daniels Digital 32x4-24MHz' and the second is 'CG-4-00000038-Oakdale Digital 32x4-32MHz'. Each group shows various metrics such as Node Name, Red CM Count, Yellow CM Count, Green CM Count, Average IH (TDR) (Feet), Average OSP (VTDR) (Feet), Averaged MR (dBc), and Customer Count.

Node Name	Red CM Count	Yellow CM Count	Green CM Count	Average IH (TDR) (Feet)	Average OSP (VTDR) (Feet)	Averaged MR (dBc)	Customer Count
Daniels Digital 32x4	5	0	0	267.41	668.35	-17.15	5
Oakdale Digital 32x4	4	0	0	75.95	463.57	-16.67	12

Key Responsibilities

- Bug Fixing
- Feature Building
- Unit Testing
- UI Designing



Lessons Learnt :

- Different aspects of designing like colour choosing and how corporate color are used in clean and minimalistic designing
- Asynchronous programming
- Writing optimized and useful codes
- Using external libraries
- Time management skills
- Research
- Team work

Any Queries ?

Thank You