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ANDROID/IOS APPLICATION FOR INDUSTRY DELIVERY RECORDS AND MANAGEMENT USING APPSHEET(CLOUD SOFTWARE)

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Abstract: Using the Appsheet application; a cloud based software provided by google, we are building up a mobile application using google sheets as a database. The sole purpose of this application is to maintain the records of sales, product, and its delivery details. The application allows us to make it easy to build multiple views of data in the table. It also allows UX designing. Further to add on, this application is lite in nature, allowing the developer and the user to ease their work. It needs a computer with internet connection and nothing more.

Keywords: mobile application, APK, cloud software, record management, no-code.

I. INTRODUCTION

A project that uses a no-code approach to create a one-of-a-kind app that can be used on both the iOS and Android platforms. It is also a Cloud-based platform that allows for easy control and development. Along the road, this project has a lot of advantages over the current system. Furthermore, the data is saved in the cloud, making it much easier for the user to access, share, and keep the information.

II. MOTIVATION AND SCOPE OF THE PROJECT

The traditional approach of developing applications has always proven difficult, especially when the application is for a small or startup business. This solution saves a lot of time and work because it uses a no-code approach that allows the developer to simply adjust the result as and when the client requests it. Overall, it's one of the most cost-effective and practical approaches to app development.

III. OBJECTIVES OF THE PROJECT

To develop an application that allows the user to keep track of the delivery's data. As in, order number, date, time, assigned driver, products needed, and so forth. Furthermore, the app makes use of a number of factors to distinguish and present the content of Not Delivered, Dispatched, and Delivered. The data entered in the app is saved immediately in Google Sheets (Database).

IV. EXISTING SYSTEM –LIMITATIONS

There are quite a few drawbacks when it comes to the traditional method or the existing application development. And a few are listed below.

- Application outcome cannot be shown in the middle of the project.
- Data storage is required.
- Expensive Requires a lot of time and effort.
- Development of the source can be done in only one system.
- Reverting back a feature.
- Cannot be used online.

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V. PROPOSED SYSTEM- EXPLANATION

The project is mostly concerned with order or delivery information. For example, the app enables the user to input order information. Conditions and filters are also used to sort the data by date, time, and view. To integrate data into data for presentation, there is also a requirement to include action features and virtual columns. Before working on the Appsheet, the database, i.e. Google Sheets must be set up with conditional formatting, data validation, calculations, filters, and other features. Furthermore, the project can be released as a prototype in the middle of the development process, allowing the user to test and suggest changes or enhancements.

VI. PROPOSED SYSTEM- HOW IT HELPS TO OVERCOME THE DRAWBACKS OF EXISTING SYSTEM

These are a few listed aspects that can be covered through the proposed system.

- No-code Platform
- Easy maintenance
- Development can be done from any computer.
- Cloud storage
- One Click Deployment
- Works can be saved easily
- Fast processing

VII. MODULE OVERVIEW

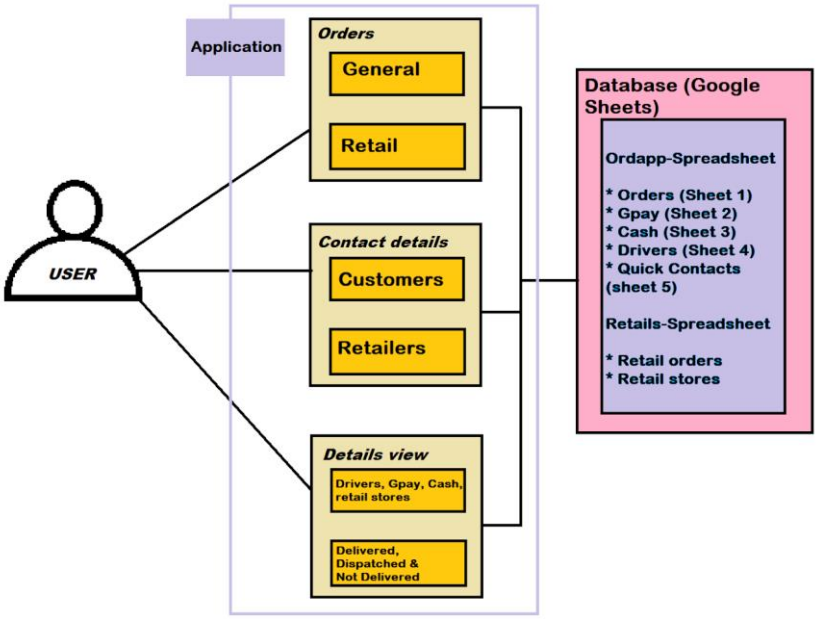
Module 1: Understanding the project and making a rough sketch of what is needed. And create a prototype data in sheets and integrate it with Appsheet.

Module 2: Working on the sheets to set up the details of the records in the order. Its calculation set-up, so forth and so on.,

Module 3: Working on what features need to be viewed on the app, how and where. Setting up UX, view content, behavior, action for each tab.

Module 4: Finally deploy the developed app into the mobile.

VIII. SYSTEM ARCHITECTURE



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