**GROUP MEMBERS:**

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| **NAME** | **Student ID** |
| MD Liakot Ali Liton | 1802035 |
| Jannatul Ferdouse | 1702010 |
| Sonu Kumar Keshari | 1802079 |
| Umar Rabiu El-Yakub | 1802081 |

**PROJECT TITLE:** EasyTransaction Management System

**INTRODUCTION**:

The principal point of this task **EasyTransaction Management System** is to keep all the data and information related to transactions and help them in a most ideal manner. This System is based on the debits and credits of any small shop or organization. EasyTransaction provides all the debt and expenses of the customers efficiently and properly. This system is created in android studio and SQLite database to store all the transactions and expenses of customers.

**PROBLEM STATEMENT**:

* Manual process is time-consuming and hard to understand the data written.
* Difficult to identify the debits/credits of the customer on different dates.
* Security and privacy is the main problem because that anyone can handle or steal the data or information.

**PROJECT OBJECTIVE:**

* Reduce manual process errors and increase the efficiency of work.
* Provides valuable information on debits and credits of customers.
* Increase the privacy and security of data of customers.
* Provides the monthly or yearly record of the data.
* Provides flexibility and is easily readable, understanding the information.

**PRELIMINARY LITERATURE REVIEW:**

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| --- | --- | --- | --- |
| **S.NO** | **TITLE** | **Proposed work** | **Advantages And Disadvantage** |
| 1 | “TallyKhata App” by AZOM sahahir | To record all debits/credits | It helps to keep the data or information of the small businessman  The App is confusing the user and hard to understand. |

**METHODOLOGY:**

* **Project Identification and Selection:**

In this task, we meant to build up offline transactions or records of debits/credits of the customers. It is used to keep the data safe and reliable and reduce manual process errors.

* **Project Initiation and Planning :**

To start this task, we have accumulated customers and shopkeepers get benefit and plan the extension and goal. It provides flexibility and is easily readable, understandable to the users of this app.

* **Designing the Proposed System:**

We are supposed to use the relational database for the easy transactions management system and the connection of the data to the database and store the data and information to respective attributes of the database.

* **Development of This Proposed System:**

In this stage, we are planning to create an android based app that is easy to handle and understand the system, which incorporates android studio utilizing java as a programming language apparatus SQLite database software, which is proposed to deal with the organization of SQLite and making an interpretation of the plan into computer code.

* **Testing the Proposed System:**

This progressive is the way towards testing whether the App will work efficiently with the different conditions, and after that, we will fix bugs and request to deliver a system with the most extreme execution or performance.

* **Implementing the proposed System:**

We wish to upload or register the app in the Google store, with the goal of many users like small shopkeepers or ones who want to keep their records safely.

**TOOLS:**

Android studio

SQLite

Java as a programming language

**CONCLUSION**:

The app is easy to use the mobile app and accessed by needy people or users. The application provides understandable information about all debits/credits of any customers of that shop or small business. It brings a good relationship between owners and customers.

**REFERENCES:**

* **Database System Concepts** by Silberschatz Korth and Sudarshan Seventh Edition.
* **TallyKhata app by Azom Sahahir.**