**CORRUPTION DETECTION AND FINANCE AID SYSTEM (CORRUPTION BUSTER)**

The project we propose to develop is a web application that can allow individuals, households and businesses to track, monitor and protect their finances. We came up with this idea due to the unstable economic environment in Kenya, bringing out a necessity for frugal spending and protecting one’s finances from issues such as fraud. The aim of the application is to provide people with a platform that would allow them to monitor their expenditure against their budgets and hence plan the use of their finances, set financial goals and their targets, detect corruption and fraud easily and make it easy for everyone to calculate key items of their organization or their business. In the case of financial tracking, it would allow them to enter their budget over a specified period of time as well as their expenditure in real time. The application compares between the budget and real-time expenditure as well as their averages. If they are within the given range set in the budget there will be a green light indicating that they are well within their specified budget. If they spend close to a specified amount near their budget there will be a red light indicating that they are close to spending their full budget or exceeding their budget.

Fraud and corruption detection- Real time detection software will help prevent fraud and corruption cases. Advantage of such is that the corruption and fraud cases.

For corruption detection, we use various ways to detect the gross misconduct.

1.If actual values are different from the budget or their averages it raises an alarm or alerts the admin of the business account when there is an unusual deviation of the budget and prompt employees to provide receipts and statements allowing the admin to launch an investigation if there is cause for concern.

Actual receipts both softcopy and hardcopy will be needed to be uploaded immediately or before a certain number of set transactions.

2. We will add both anonymous whistle blower and whistleblower functions

3. It will make manual and automated auditing a simple process as the accurate data is already provided.

For target setting and tracking software will help sales departments of various organizations stay motivated and track their records in a user-friendly way. This works via inputting monthly or daily goals automatically, a line or bar graph is formed, then as real time sales continue, different colors graphs appear showing comparison of actual goal and actual sales.

For people without a finance background, we will provide a calculator that is easy to use hence easy to calculate cash flow and profit margin, estimate sales and show money in multiple currencies.

This will help entrepreneurs be more aware of both internal and external environments of their business.

To build the web application, we are planning on using the following tools: Bootstrap 5 and HTML for front end development, JavaScript and PHP for the backend development, XAMPP Control Panel and MYSQL for database connectivity.