

# LITERATURE SURVEY

**TITLE:** Expense Tracker : A Smart Approach to Track Everyday Expense(Year 2020)

**AUTHOR:** Ms.J. Angelin Blessy, Anant Prakash Singh, Navneet Kumar, Hrithik Gupta

**SUMMARY:**

Expense Tracker is a day-to-day expense management system designed to easily and efficiently track the daily expenses through a computerized system that eliminates the need for manual paper tasks that systematically maintains records and easily accesses data stored by the user.

**TITLE:** Budget Estimator Android Application (Year 2019)

**AUTHOR:** Namita Jagtap, Priyanka Joshi, Aditya Kamble

**SUMMARY:**

This application takes income from user and divides in daily expense allowed, if user exceed that days expense it will cut if from your income and give new daily expense allowed amount, and if that days expense is less it will add it in savings. Expense tracking application will generate report at the end of month to show income-expense via multiple graphs.

**TITLE:** Voice Controlled Web Application(Year 2022)

**AUTHOR:** Raj Gandhi, Romil Desai, Marmik Modi, Dr. Suvarna Pansambal

**SUMMARY:**

Voice or speech recognition systems allow a user to make a hands-free request to the computer, which in turn processes the request and serves the user with appropriate responses. A voice-controlled system embedded in a web application can enhance user experience and can provide voice as a means to control the functionality

**TITLE:** Barcode Recognition System(Year 2013)

**AUTHOR:** Saad, Hashim

**SUMMARY:**

Barcode became essential elements in sales and products services due to importance of keeping records of all items in on place. For this purpose, there are many methods implemented to make the barcode reading process became easier to users. This survey deals to develop a barcode recognition system by using image processing. The system will be able to read barcode through an image and the system capable to capture the image by using a webcam.

**TITLE:** Barcode Scanning in Android Applications(Year 2015)

**AUTHOR:** J. Vidhya and K. John Singh

**SUMMARY:**

The convenience of imaging phones affords people the mobile raised area for interpreting barcode rather than the usage of the conservative scanner which leads to lack of mobility. Though, the short-reserve capture of barcodes through an imaging phone