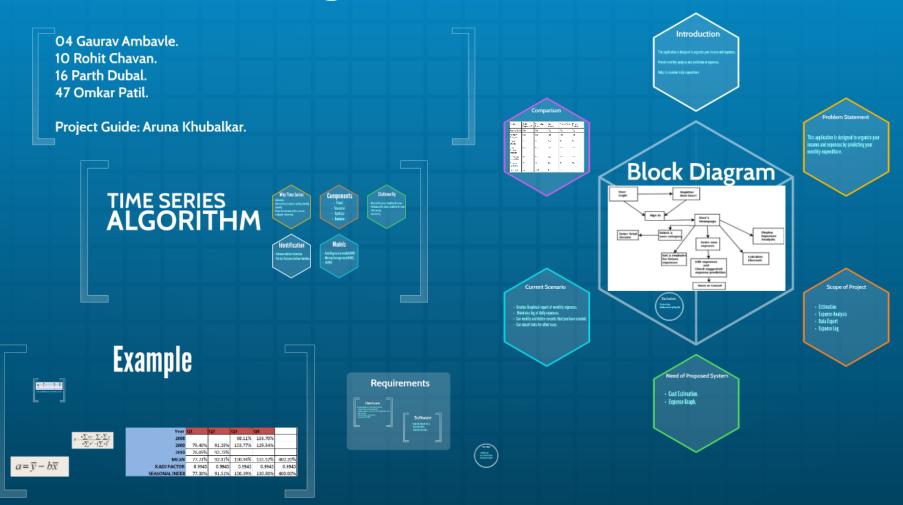
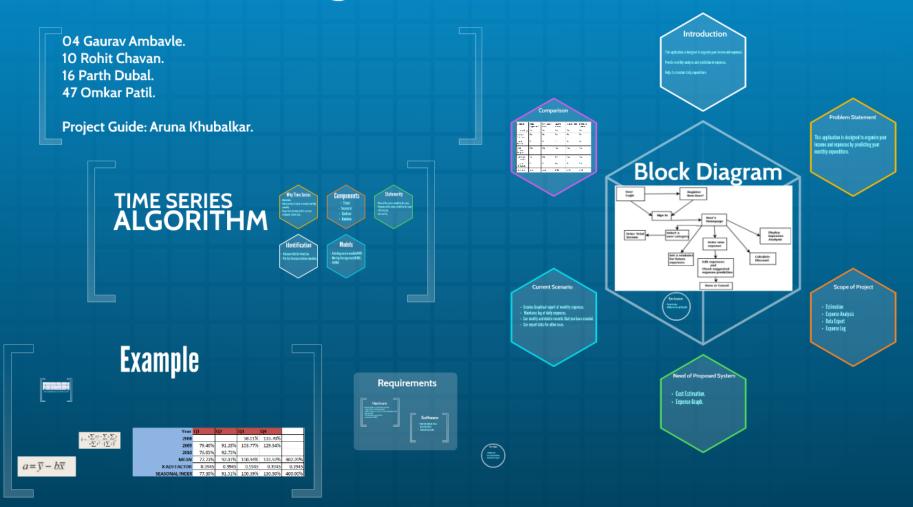
Personal Budget Planner





Personal Budget Planner





Introduction

This application is designed to organize your income and expenses.

Provide monthly analysis and prediction of expenses.

Helps to maintain daily expenditure



Problem Statement

This application is designed to organize your income and expenses by predicting your monthly expenditure.



Scope of Project

- Estimation
- Expense Analysis
- Data Export
- Expense Log



Need of Proposed System

- Cost Estimation.
- Expense Graph.



Current Scenario

- Creates Graphical report of monthly expenses.
- Maintains log of daily expenses.
- Can modify and delete records that you have created.
- Can export data for other uses.



Comparison

Features	Daily Expenses 3	My Budget Book	Andro money	Money View	Proposed System
Expense Log	Yes	Yes	Yes	Yes	Yes
Monthly Analysis	Yes	Yes	Yes	Yes	Yes
Cloud Storage	No	No	Yes	No	No
User Account Support	Yes	Yes	Yes	Yes	Yes
Alerts and Reminders	No	Yes	No	Yes	Yes
Expense Prediction	No	No	No	No	Yes
Free/Paid	Free	Paid	Free	Free	Free



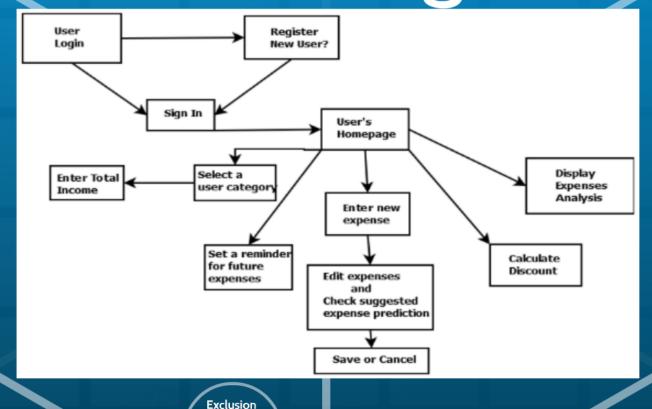
Exclusion

- Payment mode.
- Notification for Splitting Bills.



Andro money	Money View	Proposed System
Yes	Yes	Yes
Yes	Yes	Yes
Yes	No	No
Yes	Yes	Yes
No	Yes	Yes
No	No	Yes
Free	Free	Free

Block Diagram



Notification for Splitting Bills.

Scenario

ort of monthly expenses. expenses.

records that you have created.

her uses.

🏐 Prezi

Scope o

Estimation

This application is desig income and expenses by monthly expenditure.

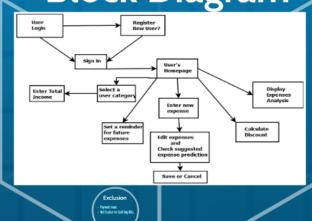
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- Data Export
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Introduction

Comparison

France	Daile Espanso A	Mr Dolpe Krak	Andro	Manar View	Prepared System
Representant	Sec	Yes	Yes	No	Yes
Mandry Analysis	501	Yes	Yes	Sec	Yes
Christ Storage	54	No	Yes	**	No.
Una Account August	¥.,	Yes.	Vie.	Yes	Yes
All extraords Remainstern	**	Yes	No	No.	Ten
Expense Profesion	Na.	No.	He.	Na	Yes.
Free Total	Des	248	Face	Disc	Dec

Block Diagram



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Requirements





Need of Proposed System

- Cost Estimation.
- Expense Graph.

ject Guide: Aruna Khubalkar.

TIME SERIES ALGORITHM

Why Time Series

- Univariate.
- Data can be collected as weekly, monthly annually.
- Based on historical pattern you can extroplate future data.

Identification

- Autocorrelation function
- Partial Autocorrelation function

Components

- Tren
- Seasonal
- Cyclical
- Random

Stationarity

- Mean of the series should be the same.
- Variance of the series should be the same
- Differencine
- Spasonality

Models

- AutoRegressive model(ARM)
- Moving Average model(MA)
- ARIMA

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Example



$$b = \frac{n\sum xy - \sum x\sum y}{n\sum x^2 - \left(\sum x\right)^2}$$

$$a = \overline{y} - b\overline{x}$$

Year	Q1	Q2	Q3	Q4	
2008			98.11%	133.70%	
2009	79.40%	91.28%	103.77%	129.34%	
2010	76.05%	92.75%			
MEAN	77.73%	92.01%	100.94%	131.52%	402.20%
X ADJ FACTOR	0.9945	0.9945	0.9945	0.9945	0.9945
SEASONAL INDEX	77.30%	91.51%	100.39%	130.80%	400.00%



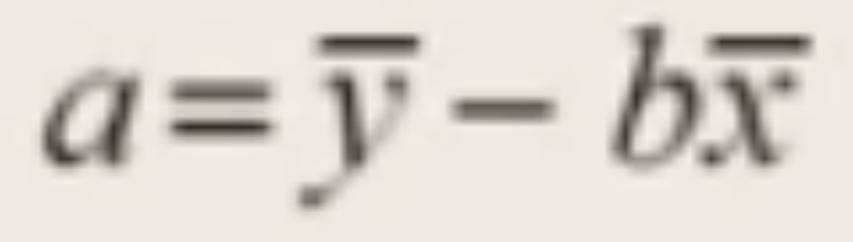
	Q1	Q2	Q3	Q4
2008	20	30	39	60
2009	40	51	62	81
2010	50	64	74	95

Obtain a seasonally adjusted trend estimate for the 4th quarter of 2011?



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Requirements

Hardware

- Microsoft® Windows® 8/7/Vista/2003 (32 or 64-bit).
- 2 GB RAM minimum, 4 GB RAM recommended.
- 400 MB hard disk space + at least 1 G for Android SDK, emulator system images, and caches.
- 1280 x 800 minimum screen resolution.
- Java Development Kit (JDK) 7.

Software

- Front End: Andriod Studio.
- Back End: SQLite.
- Android Studio.(jdk).



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Future Scope

- SMS Retrieval
- Alerts and Reminders.
- User Account Support



THANK YOU

