

Personal Expenses Tracker Application

Team ID :
PNT2022TMID49997

S.K.Gayathri
A.Inigo Kathrin
M.Mahalakshmi
P.Bavani



Agenda

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- Proposed Solution
- Proposed Solution Architecture
- Project Scope
- Solution Architecture
- Technical Architecture
- Functional Requirement
- Demo Video
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Problem Statement

Usually, expenses tracking is performed manually in a notebook where the expenses are written as per the willingness of a person, and then the expenditure is calculated at the end of the month and a report is generated. It will consume more time and prone to errors. Tracking the expenses is difficult to a Person who busy in their work or any thing else.

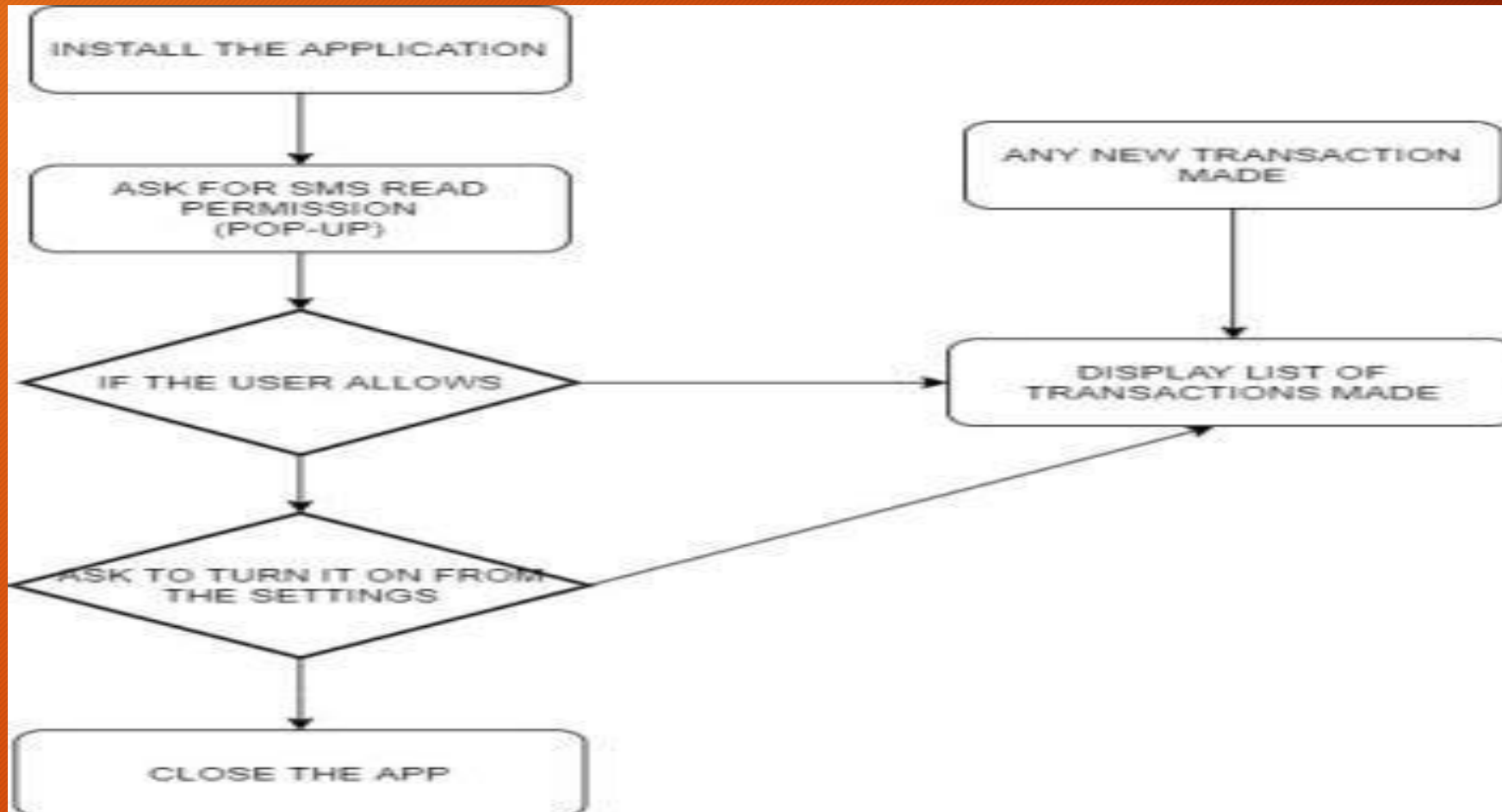


Proposed Solution

In existing, we need to maintain the Excel sheets, CSV files for the user daily, weekly and monthly expenses a person as to keep a log in a diary or in a computer system, also all the calculations need to be done by the user which may sometimes results in mistakes leading to losses. Data is not maintained Perfectly. Some apps are introduced that can maintain the expenses and display the list.



Proposed Solution Architecture

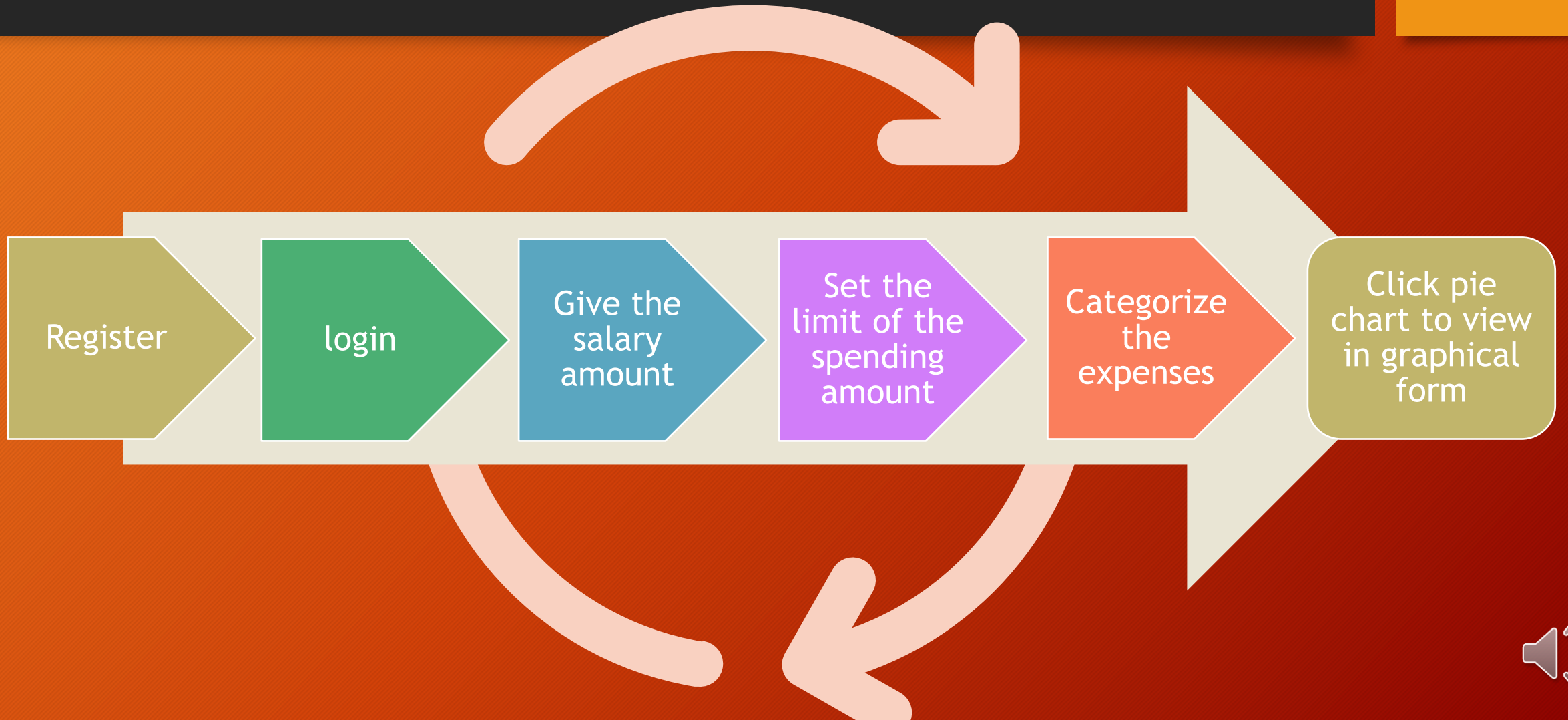


Project scope

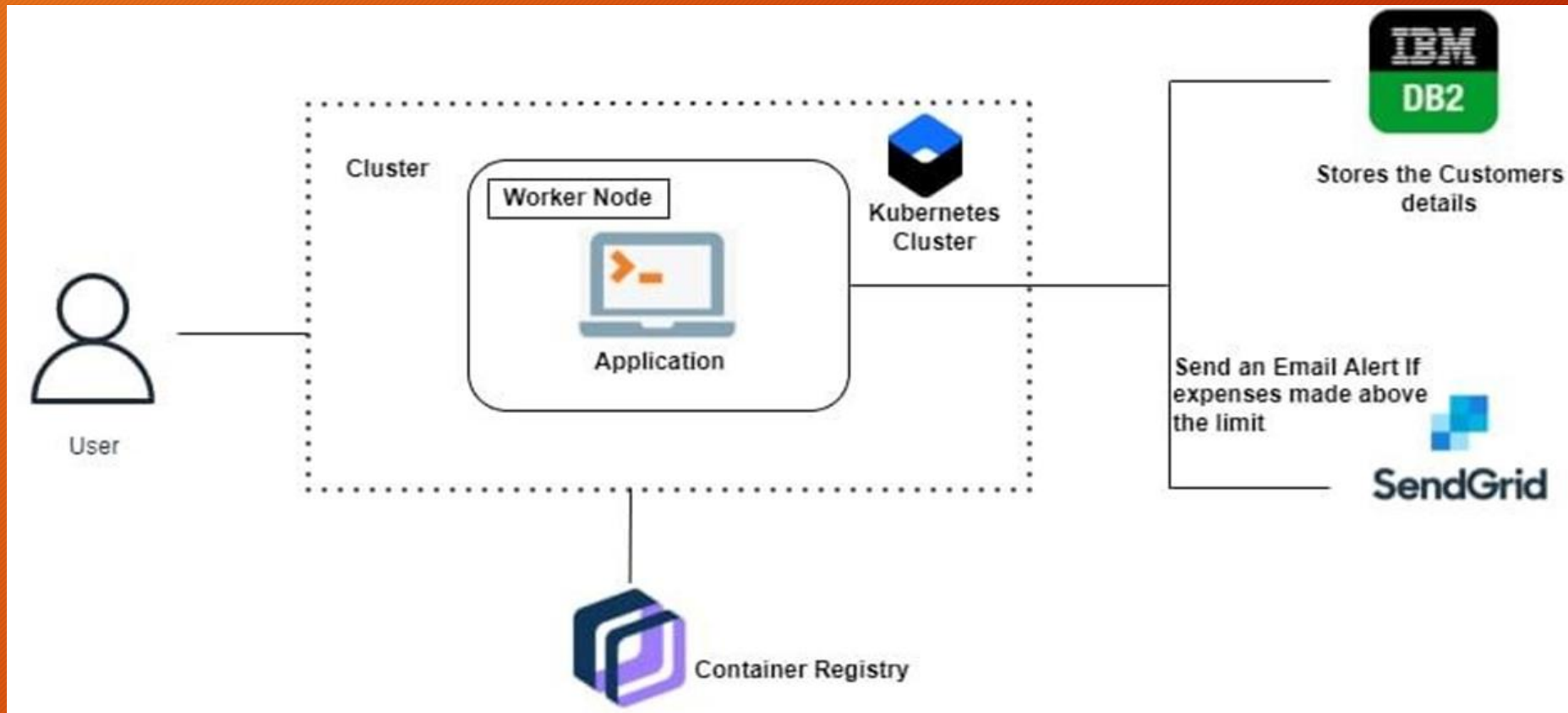
- To track and manage expenses on a monthly basis in the form of web application
- User can categorize their expenses.
- User can see the analysis in the graphical form.
- Option to set a limit for amount to be used for that particular month if the limit is exceeded the user will be notified with email alert.
- Takes control of finances that reduces impulse spending.



Solution Architecture



Technical Architecture



Functional Requirement

- **Software Required:**
 - Python, Flask , Docker, Sendgrid
- **System Required:**
 - 8GB RAM, Intel Core i3, OS-Windows/Linux/MAC , Laptop or Desktop



Demo Video

- https://drive.google.com/file/d/1aTYUjxzA1_85t8Sbn_qBJ6TtJvxKMc1V/view?usp=drivesdk
- <https://youtu.be/WNx9OaxeIRw>



Future Scope

- Automatic tracking of expenses using phone number given to the bank.
- Calculate the expenses using bills.
- Graph that shows the most profitable month as well as more money is spent by user..



Thank you

