

**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Date	03October 2022
Team ID	PNT2022TMID34004
Project Name	Personal Expense Tracker Application
Maximum Marks	4 Marks

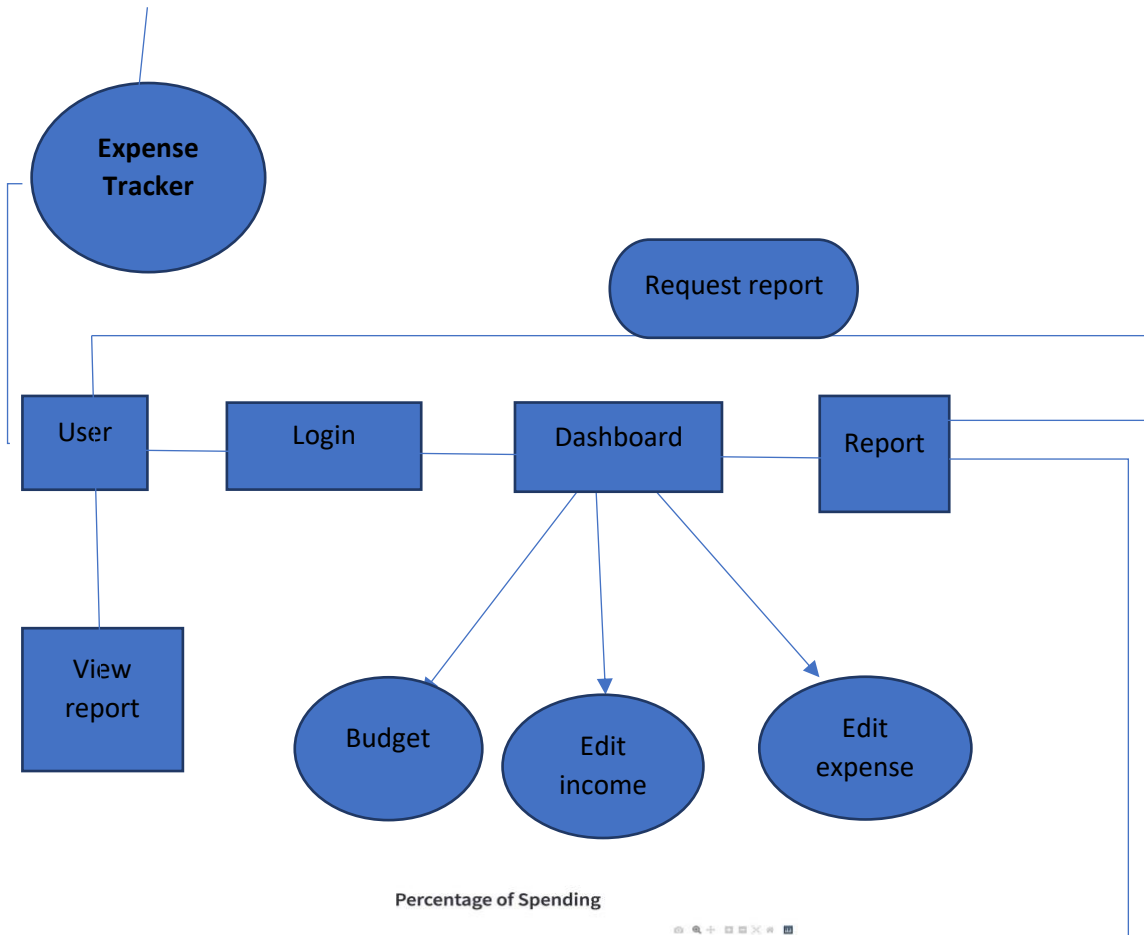
**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	User interface interacts with host 5000	HTML, bootstrap
2.	Application Logic-1	Coding platform for developing application	Python
3.	Application Logic-2	Lets you to build conversational interfaces into any application, device or channel	IBM Watson Assistant
4.	Application Building	It can be build for web application	Flask
5.	Cloud Database	Used to store and retrieve data	IBM DB2
6.	Infrastructure (Server / Cloud)	Helping to orchestrate different types of container and deploying them to clusters	Kubernetes

**Table-2 : Application Characteristics**

<b>Sl. No</b>	<b>Characteristics</b>	<b>Description</b>	<b>Technology</b>
1.	Open-Source Frameworks	It provide libraries to build light weight application	Flask
2.	Security Implementations	Simulates human conversation or chatter through text or voice interactions.	Chatbot
3.	Scalable Architecture	It provide no isolate the internal code dependencies	Python
4.	Availability	Runs everywhere and user friendly	Docker
5.	Performance	Orchestrate containerized application to run the cluster of hosts	Kubernets

**Technical Architecture:**



Percentage of Spending

