Use - case 1 :- Personal expense tracker application.

-> All the financial decisions and activities that you make are unable to keep a track of it.

-> This app makes your life easier by helping you to manage your finances efficiently.

-> A personal finance app will not only help you with budgeting and accounting but also gives you helpful insights about the financial management.

Social impact :-

-> It will help the people to track their expenses and also alerts when you exceed the limit of your budget.

Business model / Impact :-

→ We can provide the application on subscription based.

Existing solution :-

* https://www.spendee.com

Recommended technology stack :-

→ Python, Flask, IBM DB2, Docker, Kubernetes, IBM cloud etc..,.

Reference :-

* https://www.researchgate.com/Expense manager application.

06/09/22

Core concepts:-

→ Breakpoints are the building blocks of responsive design. Use them to control when your layout can be adapted at the particular viewport (or) device use.

→ Use media queries to architect your CSS by breakpoint. Media queries are a feature of CSS that allow you to conditionally

apply styles based on the set of browser.

Bootstrap - front end css framework:

Bootstrap is the most popular CSS framework for developing responsive and mobile - first websites. Bootstrap 5 is the newest version.

CSS tables:

The look of an HTML table can be greatly improved with CSS.

Ex:

```
table, th, td {
    border: 1px solid ;
}
```

CSS margins:

Margin - Individual sides

CSS has properties for specifying the margin for each side of an element:

* margin - top
* margin - right
* margin - bottom
* margin - left

CSS padding:-

→ The CSS padding properties are used to generate space around an element's content, inside of any defined borders.

→ CSS has properties for specifying the padding for each side of an element :-

* padding - top
* padding - right
* padding - bottom
* padding - left

px and em in CSS :-

→ Pixel is a static measurement, while percent and em are relative measurements.

→ Percent depends on the parents size of it.

→ EM is relative to the current font size of the element (2em means 2 times the size of current font)

CSS borders :-

→ CSS border properties allows you to specify the style, width and colour of an element's border.

→ The border - style property specifies what kind of border to display.

→ The following values are allowed :-

* dotted - dotted border
* dashed - dashed border
* solid - solid border