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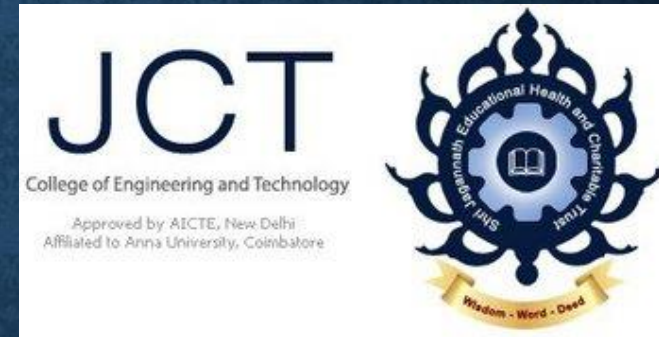
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TEAM MENTOR

Shivam Shivhare

PROJECT TITLE

Irevolution: A Data Driven Exploration Apple Iphone Impact In India

4TH CSE B

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PROJECT REPORT FORMAT

1. INTRODUCTION

An "iPhone Revolution Project" could potentially encompass various aspects, such as the development of new iPhone models with innovative features, advancements in hardware and software technologies, and even broader initiatives that have a transformative impact on the smartphone industry. Apple has a history of releasing new iPhones with features and capabilities that set industry standards, and any project associated with it would likely generate significant interest and attention.

1.1 Project Overview

The iPhone Revolution Project is a groundbreaking endeavor aimed at redefining the smartphone industry and pushing the boundaries of technology, design, and user experience. This ambitious project seeks to deliver innovative features, enhance user convenience, and promote sustainability in the realm of mobile devices. Key objectives and components of the project may include:

Next-Generation Hardware: Developing cutting-edge hardware components, such as advanced processors, high-resolution displays, and innovative camera systems, to set new industry benchmarks.

Revolutionary Software: Creating an entirely new user interface, operating system, and ecosystem that offers unparalleled usability, customization, and integration with other smart devices.

1.2 PURPOSE

As of my last knowledge update in January 2022, there was no widely known or recognized project called the "iPhone Revolution Project." However, if you are referring to a hypothetical project aimed at revolutionizing the iPhone or mobile technology in general, the purpose might be to:

- To drive innovation in smartphone technology, including hardware, software, and user experience, by introducing new and groundbreaking features.

- To maintain or establish a competitive edge in the mobile device market by offering unique and advanced capabilities that differentiate the iPhone from its competitors.

- To enhance the overall user experience by creating a device that is more intuitive, efficient, and enjoyable to use.

2. LITERATURE SURVEY

2.1 EXISTING PROBLEM

I AM ABLE TO REFERENCE AN ANDROID APPLICATION PROJECT FROM AN ANDROID UNIT TEST PROJECT

2.2 REFERENCE

THE WORLD HAS CHANGED AS A CONSEQUENCE OF THE INCREASING USE OF SMARTPHONES, WHICH HAVE IMPROVED COMMUNICATION, CONNECTED PEOPLE, AND REVOLUTIONIZED MANY DIFFERENT BUSINESSES.

2.3 PROBLEM STATEMENT DEFINITION

APPLE HAS A SPECIAL CHANCE TO INCREASE ITS MARKET SHARE AND DEVELOP A SIGNIFICANT PRESENCE IN INDIA THANKS TO THE COUNTRY'S LARGE POPULATION AND RISING SMARTPHONE ADOPTION.

3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes. It is a useful tool to helps teams better understand their users

3.2 Ideation & Brainstorming

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

4. REQUIREMENT ANALYSIS

4.1 Functional requirement

This category includes conditions that define the main functions of a program that are vital for its operation. They can be divided into three groups: 1. Business requirements

4.2 Non-Functional requirements

5. PROJECT DESIGN

SMARTPHONES, ALONG WITH THEIR ATTENDANT PHOTO-EDITING APPS, PUT GOOD CAMERAS IN EVERYBODY'S POCKETS AND WE ALL BECAME PROLIFIC PHOTOGRAPHERS. THE SIMULTANEOUS RISE OF SOCIAL MEDIA PLATFORMS, IN TURN, GAVE US A PLACE AND A REASON TO POST OUR PHOTOS.
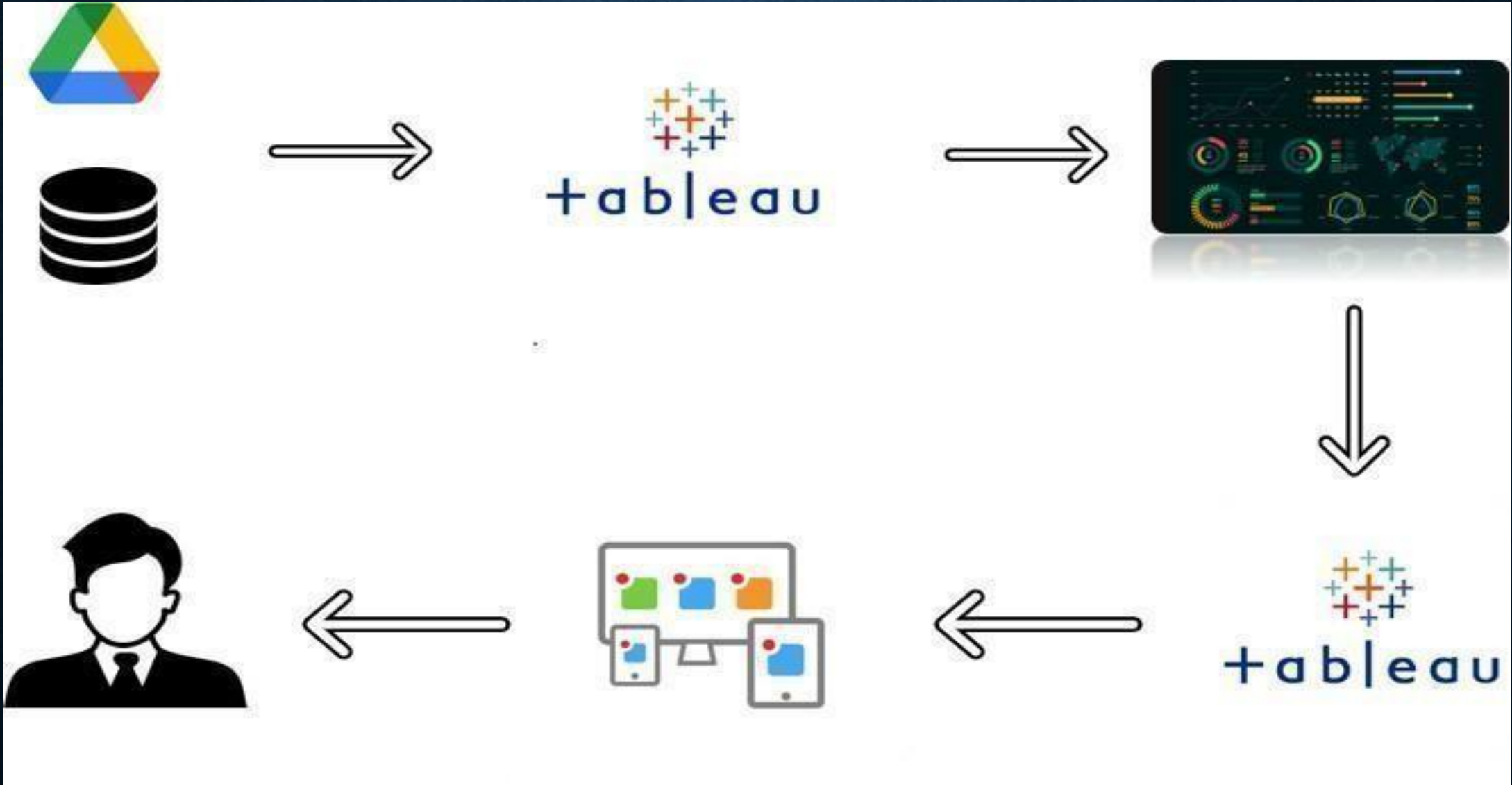
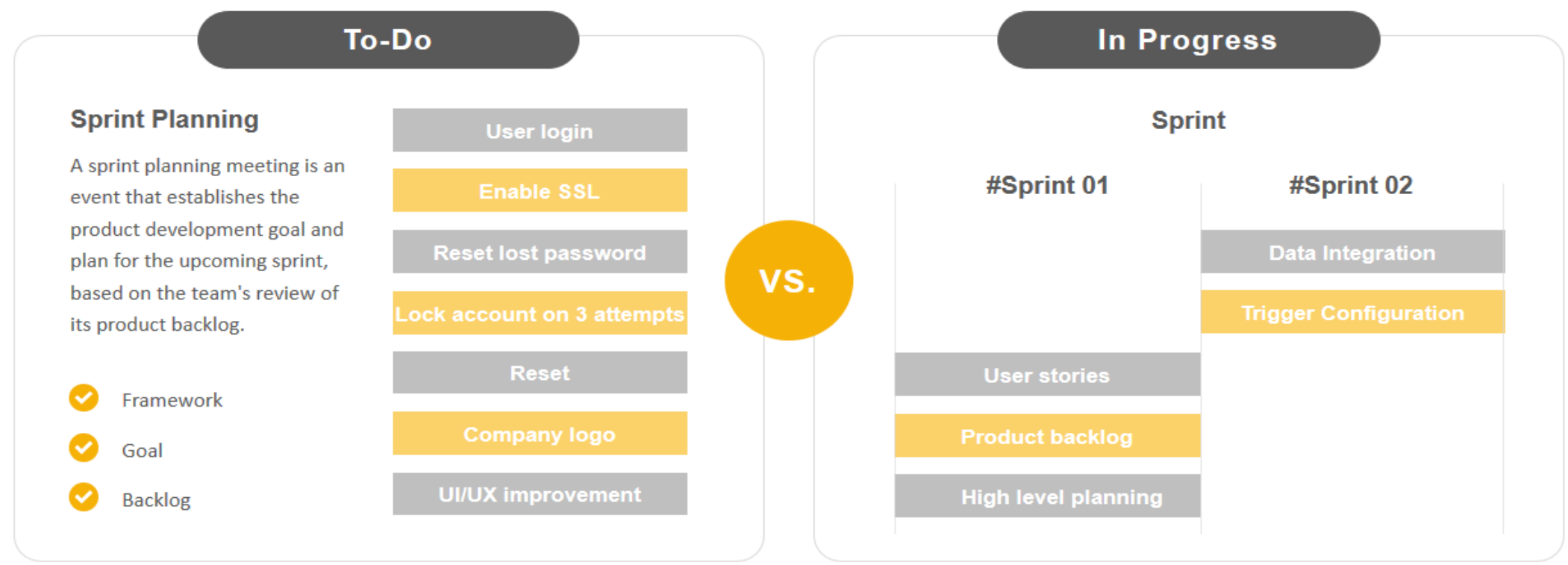## 5.1 Data Flow Diagrams & User Stories
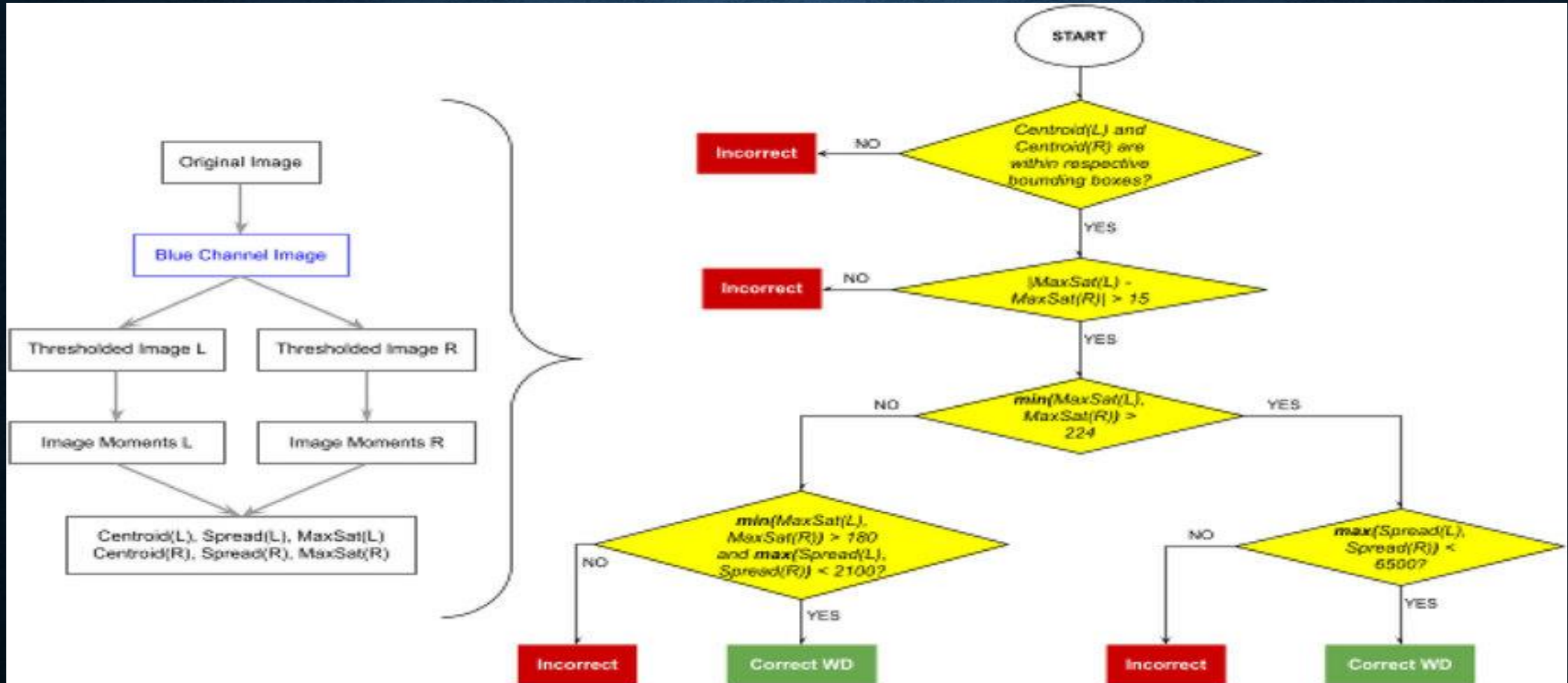
6. PROJECT PLANNING & SCHEDULING

6.1 TECHNICAL ARCHITECTURE

SPRINT PLANNING

To-Do

Sprint Planning

A sprint planning meeting is an event that establishes the product development goal and plan for the upcoming sprint, based on the team's review of its product backlog.

- ✔ Framework
- ✔ Goal
- ✔ Backlog

User login

Enable SSL

Reset lost password

Lock account on 3 attempts

Reset

Company logo

UI/UX improvement

VS.

In Progress

Sprint

#Sprint 01

#Sprint 02

Data Integration

Trigger Configuration

User stories

Product backlog

High level planning

Current Sprint

Current iOS Version - April 4th

	Owner	Status	Type	Time Estimation
Implement completely different environments for staging/…		Done	Improvement	0.5 day
Add support for deep linking in mobile app		Waiting for server	Feature	3 days
"Done" button sometimes not tappable on photo screen		Blocked	Bug	1 day
Attachments scroller on main feed looks weird			Bug	few hours
Sync the Contacts List each time the user opens the app…			Improvement	0.5 day

Next Versions

	Owner	Status	Type	Time Estimation
Sync unread / read tabs			Bug	1 day
Push notification pre-request screen		On hold	Feature	1 day
Add remote logging			Improvement	few hours
Rewrite mentions component			Improvement	3 days
No connection state				0.5 day

colab.research.google.com/drive/1sUBpYHxfxf4lG_nyjKjb-vMsBjjHjC5p

Gmail YouTube Maps YBITestrrrrr Translate News 1 new message
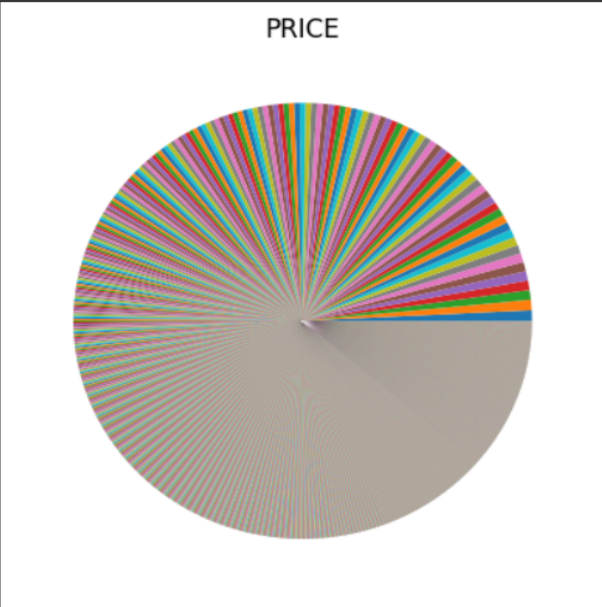
NM3(7th sem).ipynb

File Edit View Insert Runtime Tools Help Last edited on October 11

Comment Share

+ Code + Text Connect

```python
# import Required Libraries

import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

```python
# load the data set
! unzip/content/archive (10).zip
```

```
/bin/bash: -c: line 1: syntax error near unexpected token `10'
/bin/bash: -c: line 1: ` unzip/content/archive (10).zip'
```

```python
df=pd.read_csv('/content/archive (10).zip')
```

```python
from google.colab import drive
drive.mount('/content/drive')
```

```
Mounted at /content/drive
```

```python
df
```

id	Date	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of views	condition of the house	...	Built Year	Renovation Year	Postal Code	Lattitude	Longitude	living_area_renov	lot_area_ren

8. PERFORMANCE TESTING

8.1 PERFORMANCE METRICS

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	
2.	Data Responsiveness	**90%**
3.	Amount Data to Rendered (DB2 Metrics)	**2**
4.	Utilization of Data Filters	
5.	Effective User Story	

9. ADVANTAGES & DISADVANTAGES

• Better Performance

Compared to Android devices, Apple phones offer better performance. They are built to work faster and smoother. Even the old iPhone models work well and have smooth functioning. With excellent internal storage, iPhones feel like a magical illustration. They have much higher internal storage and do not frequently hang, which keeps them performing flawlessly. Furthermore, Apple is optimized to perform flawlessly with its limited devices. Unlike iPhones, Android devices are optimized via OEM, which sometimes does a poor job. All Apple devices' production is controlled and monitored strictly, resulting in excellent performance designs. Also, the Qualcomm processor of Android is a bit slower than the smooth processor of iPhones

9.CONCLUSION

IN SEPTEMBER 2023, APPLE OFFICIALLY UNVEILED THE HIGHLY ANTICIPATED IPHONE 15 AND IPHONE 15 PLUS, ALONG WITH THE IPHONE 15 PRO AND IPHONE 15 PRO MAX. THESE NEW MODELS ARRIVED WITH A SLEW OF EXCITING FEATURES AND DESIGN IMPROVEMENTS.

NEW COLORS AND DESIGN:

THE IPHONE 15 SERIES BOASTS AN OLED SUPER RETINA DISPLAY WITH DOLBY VISION COMPATIBILITY. THE SCREEN'S IMPRESSIVE BRIGHTNESS OF 1,600 NITS (REACHING 2,000 NITS IN DIRECT SUNLIGHT) SURPASSES THE PREVIOUS IPHONE 14 BY TWOFOLD.

12.FUTURE SCOPE

BEING AN IOS DEVELOPER BECAUSE YOU GONNA BE PART OF WORLD'S LARGEST INFORMATION TECHNOLOGY COMPANY BY REVENUE AND WORLD'S SECOND LARGEST MOBILE PHONE MANUFACTURER WHICH IS KNOWN TO EVERYONE WITH ITS ROYAL BRAND NAME : APPLE.MORE THAN ONE BILLION APPLE PRODUCTS ARE ACTIVELY IN USE WORLDWIDE LIKE IPOD,IPHONES,IPAD,MAC,APPLE WATCH,APPLE TV,HOMEPOD AND WHAT NOT.APART FROM THAT APPLE ALSO RUNS SEVERAL RESEARCH AND DEVELOPMENT PROGRAMS LIKE, SOON THEY ARE PLANNING TO START PRODUCING ELECTRIC CARS AND ALSO THEY ARE INTO SOLAR ENERGY PRODUCTION WHICH THEY NAMED AS APPLE ENERGY, MOREOVER THEY ARE RUNNING VARIOUS SMALL PROJECTS WHICH TOUCHES TO HEALTHCARE SERVICES AND WEARABLE MARKET.COMPANY ALWAYS STAYS READY TO COME WITH PRODUCTS WITH HIGH QUALITY AND STYLISH DESIGNS.

13.APPENDIX

GitHub & Project Demo Link

https://github.com/itsMeMuskanKumari/Data-Analytics-IRevolution

https://youtu.be/qnNDnec8WI4