



Computer Science Capstone Project
Team Name: TEAM MISSION POSSIBLE
(deadly by name & game)
Team 4



A G E N D A



Team Member Roles and Responsibilities	Improvements made from Professor Feedback	Project Statement	Project Description	Team Working Agreement
Personas	Minimal Viable Product (MVP)	Technologies	Architecture Diagrams	Schedule
Recap Sprint 1 Backlog	Product Backlog	Sprint 2 Backlog	Test cases	Stories Completed
Stories Not Completed	Metrics	Retrospective	Sprint 3 Backlog	Project Demo
GitHub Link		Live Application Demo		



TEAM MEMBER ROLES



Shiva

Data Scientist



Prudhvi

Full Stack Developer



Vinod

Data Analyst & Product Developer

TEAM MEMBER ROLES



Mayank

Artificial Intelligence
Engineer & Project Manager



Vishnu Raju

Software Developer

Improvements made from Feedback Professor



- User stories must be formatted differently by the examples provided.
- You must include a historical velocity chart.
- The schedule slide must be altered.
- It is necessary to replace the feature rather than add it to the sprint backlog table.
- Every PowerPoint slide must be explained.

PROJECT STATEMENT



Shoplifting is a significant problem for supermarkets, leading to financial losses and higher customer prices. Current security methods often react to theft after it has already happened, which is ineffective. There is a clear need for a better solution that can prevent theft before it occurs. Our project aims to develop a Supermarket Theft Detection System that uses advanced technology to monitor customer behavior in real time, including computer vision and machine learning. This system will help identify suspicious activities and alert security personnel immediately, allowing them to respond quickly and reduce theft incidents. By analyzing data on theft patterns, supermarket managers can also make informed decisions to enhance security and improve the shopping experience for all customers.

PROJECT DESCRIPTION



Project Name:	Theft Alert
Team:	TEAM MISSION POSSIBLE (deadly by name & game)
Project Description:	<p>The Supermarket Theft Detection System uses existing CCTV cameras and machine learning to proactively monitor customer behavior, detect suspicious activities, and alert security personnel, significantly enhancing store safety and reducing theft losses..</p> <p>For retail stores who struggle with shoplifting, the Supermarket Theft Detection System is a proactive solution that leverages existing CCTV cameras and machine learning that monitor customer behavior in real time and alert security personnel. Unlike traditional reactive security measures, our application detects suspicious activities before theft occurs, significantly reducing losses and enhancing store safety.</p>
Benefit Outcomes:	<ul style="list-style-type: none">• Minimizes financial losses from shoplifting.• Enables quick responses from security personnel with real-time alerts.• Fosters a safer shopping environment for honest customers.• Provides valuable analytics on theft patterns for informed decision-making.• Adaptable for implementation across multiple store locations.• Works with existing security infrastructure for a smooth transition.• Allows for upgrades, such as improved facial recognition and behavior prediction.• Combines technology and human oversight for effective theft prevention.
GitHub Link:	https://github.com/htmw/2024F-Team4/wiki





PROJECT DESCRIPTION

Shoplifting poses a significant challenge for retail stores, leading to financial losses and increased consumer prices. Traditional security measures are largely reactive, addressing theft only after it occurs. Our project aims to develop a Supermarket Theft Detection System that utilizes existing CCTV cameras and machine learning to monitor customer behavior in real-time. The system will analyze video footage for unusual movements and automatically alert security personnel to potential theft, enabling quick responses. This proactive approach reduces theft losses and enhances the shopping experience by fostering a safer environment. Additionally, the system is scalable for multiple locations and integrates seamlessly with current security infrastructure. By providing valuable insights into theft patterns, our innovative solution aims to revolutionize supermarket security and improve overall safety for customers and staff.



TEAM WORKING AGREEMENT



Team Agreement

Communication:

We agree to communicate regularly and effectively, informing each other about our progress, questions, and concerns. All team members agree to have meetings via Teams twice weekly.

Participation:

We agree to participate in all team meetings and discussions actively and to contribute our unique skills and perspectives to the project.

Deadlines:

We agree to meet all deadlines set by the team and to inform the team as early as possible if we anticipate any difficulties meeting a deadline.

Respect:

We agree to always treat each other with respect and professionalism, even in the face of disagreements and challenges.

Feedback:

We agree to give and receive constructive feedback: openly and honestly, to improve our work and the project.

Roles and Responsibilities:

We agree to clarify our roles and responsibilities within the team, ensuring that each team member understands their specific tasks and deadlines.

Confidentiality:

We agree to maintain confidentiality about any sensitive or confidential information related to the project, as agreed upon by the team.

Quality:

We agree to prioritize quality in our work and to take the necessary time and effort to ensure that our contributions meet the standards of the team.

Conflict Resolution:

We agree to resolve any conflicts or disagreements that arise within the team in a timely and respectful manner, seeking input from all team members and striving for a mutually acceptable solution.

Accountability:

We agree to hold ourselves and each other accountable for our actions and contributions to the project and to take responsibility for any mistakes or errors we make.

Team Members: Mayank Singh
Prudhvi Raj
Siva Sai Venkata Krishna Ganesh
Sree Vishnu Raju
Vinod Kumar Aluru

PERSONAS





PERSONAS - 1

James, a dedicated Chief Security Officer, oversees the safety of a large retail complex, drawing on years of experience to identify and mitigate potential threats.

Challenges:

- Managing security across a large retail complex can be overwhelming, especially with limited personnel.
- Managing security across a large retail complex can be overwhelming, especially with limited personnel.
- Coordinating with multiple security personnel across a large complex can be difficult, especially when managing complex incidents that require a unified response.
- James needs a way to quickly find relevant footage, especially during an incident or investigation.

Goals:

- A real-time video monitoring system with AI features like facial recognition and automated alerts will help James efficiently monitor multiple areas and quickly identify threats.
- Advanced systems that facilitate quick footage retrieval and automated tagging will streamline the review process, allowing James to save time and efficiently locate critical information.



Profile

Name: James

Age: 30

Location: Alabama, Ga

Job: Chief Security Officer

Salary: \$112000/year

Family: wife

PERSONAS - 2



Profile

Name: Mr. Wong

Age: 45

Location: New York, NY

Job: Store Owner

Family: Two children and wife

Mr. Wong is a dedicated convenience store owner managing a bustling shop in a vibrant neighborhood.

Challenges:

- As foot traffic increases, it becomes more difficult for Mr. Wong to monitor every customer and transaction effectively, which can lead to security risks such as theft or fraudulent activities.
- As a busy store owner, Mr. Wong must ensure the safety of his employees while they work, particularly during late-night shifts or in high-risk situations.
- Convenience stores are often targets for shoplifting, and with more customers in-store, identifying suspicious behavior manually can be very challenging.

Goals:

- A user-friendly, integrated surveillance system that provides clear alerts and easy-to-navigate interfaces will save Mr. Wong time and effort, allowing him to focus on other aspects of his business without constant troubleshooting.
- Implementing an advanced surveillance system with real-time monitoring allows Mr. Wong to remotely oversee his store, enhancing security and efficiency.





PERSONAS - 3

Ms. Rodriguez is a dedicated supermarket manager, responsible for the bustling operations of a large grocery store.

Challenges:

- In a dynamic retail environment, it is challenging to pinpoint areas where customer flow or store layout may be causing delays or dissatisfaction without data-driven insights.
- With a constantly changing shopping environment, ensuring the store layout is optimized for both customer flow and product accessibility is a time-consuming task.
- Ms. Rodriguez effectively monitors every aspect of the store, which could lead to inefficiencies or missed opportunities to improve customer experience.

Goals:

- She aims to use the system's data to identify bottlenecks and optimize store layout and product placement for a smoother shopping experience.
- The system will enable Ms. Rodriguez to monitor customer activity and enhance customer experience.
- Ms. Rodriguez plans to leverage the data to improve store performance, increase customer satisfaction, and create a safer, more enjoyable shopping experience.



Profile

Name: Rodriguez

Age: 27

Location: New Jersey, NJ

Job: Supermarket Manager

Salary: \$125000/year

Family: Lives with her boyfriend

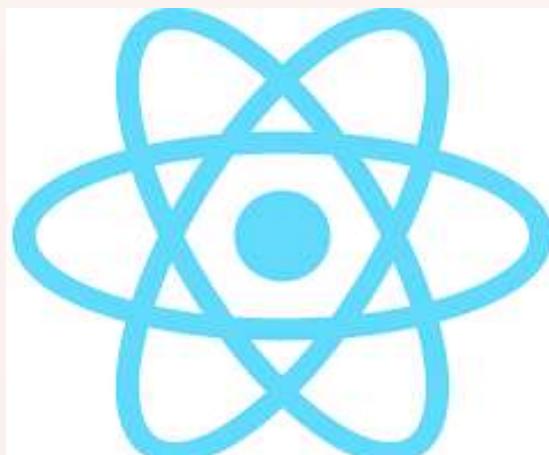


TECHNOLOGIES

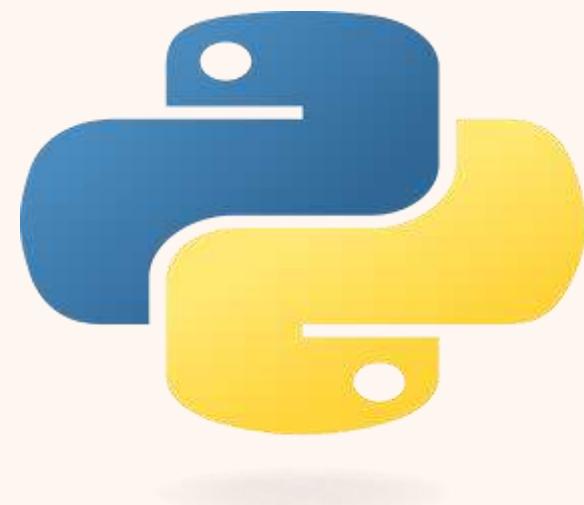
Frontend



HTML



Backend



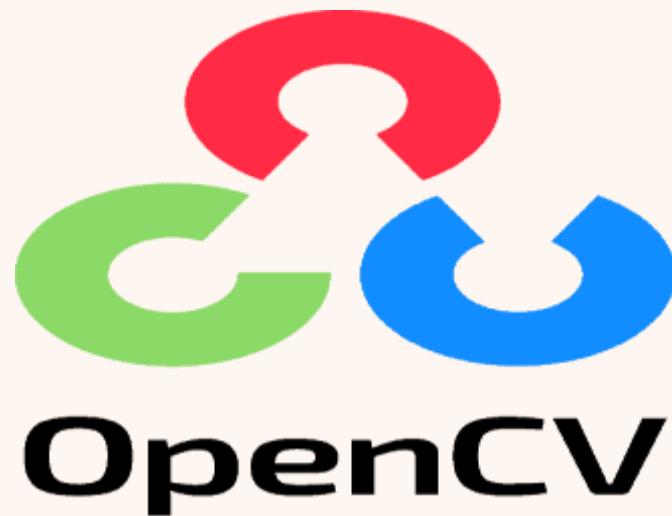
GenerativeAI.net

Database



Firebase

IDE & Additional Tools



Communication

MINIMAL VIABLE PRODUCT (MVP)



MINIMAL VIABLE PRODUCT (MVP)



Real-time CCTV Integration - CCTV cameras to monitor customer behavior in the store.

Machine Learning Model for Theft Detection - Implement a machine learning algorithm trained to recognize basic suspicious behaviors.

Instant Alerts for Security Personnel - Set up a simple alert system to notify store security when potential theft is detected.

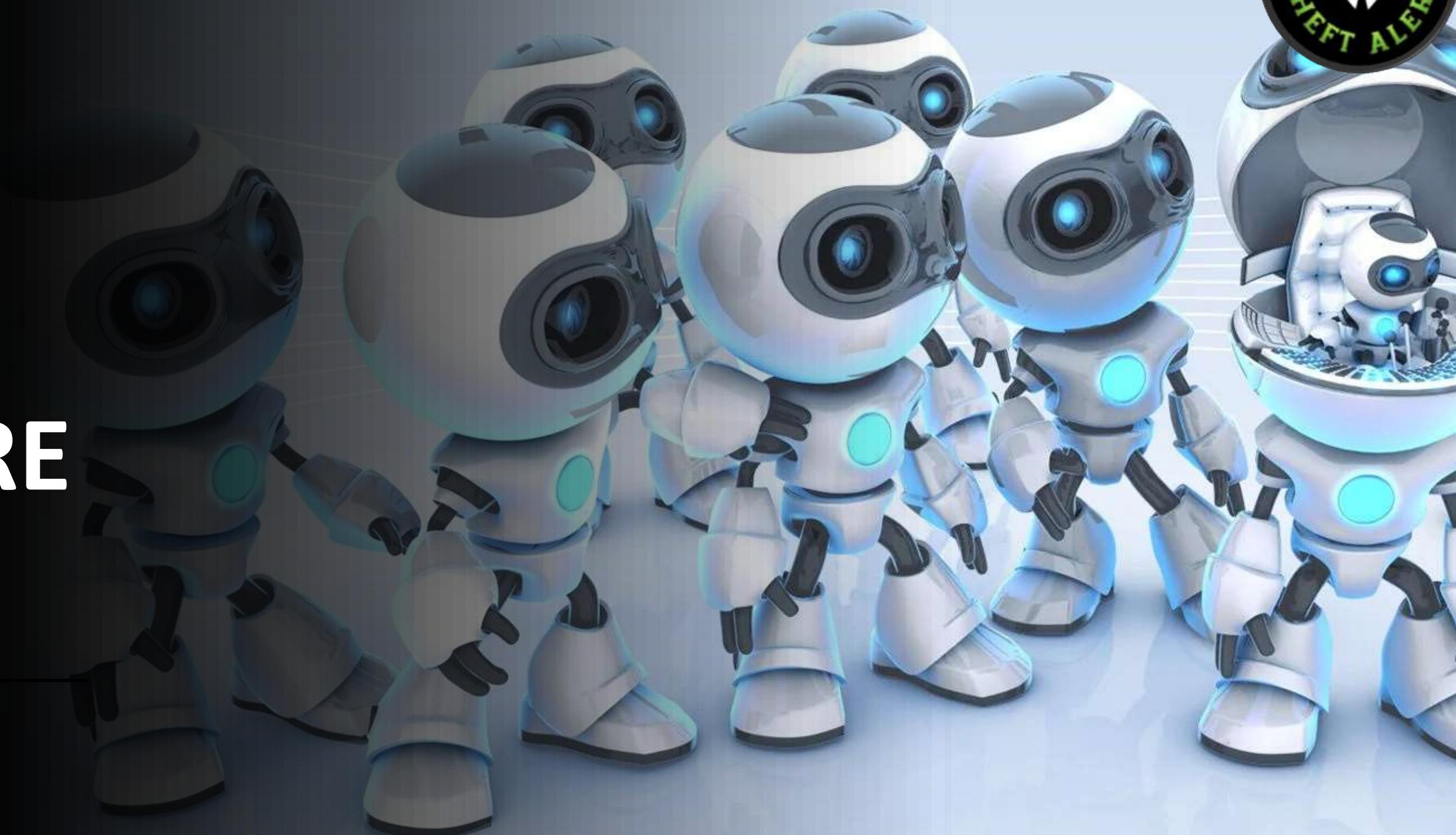
Data Logging for Monitoring - Enable security teams to review footage or logs in case of false positives or to understand detected patterns better.

User Interface for Security Personnel - The interface should allow security staff to assess the situation quickly.

Focus on the essentials - Streamline your video workflow with tools to upload, organize, and watch your videos.



ARCHITECTURE DIAGRAM



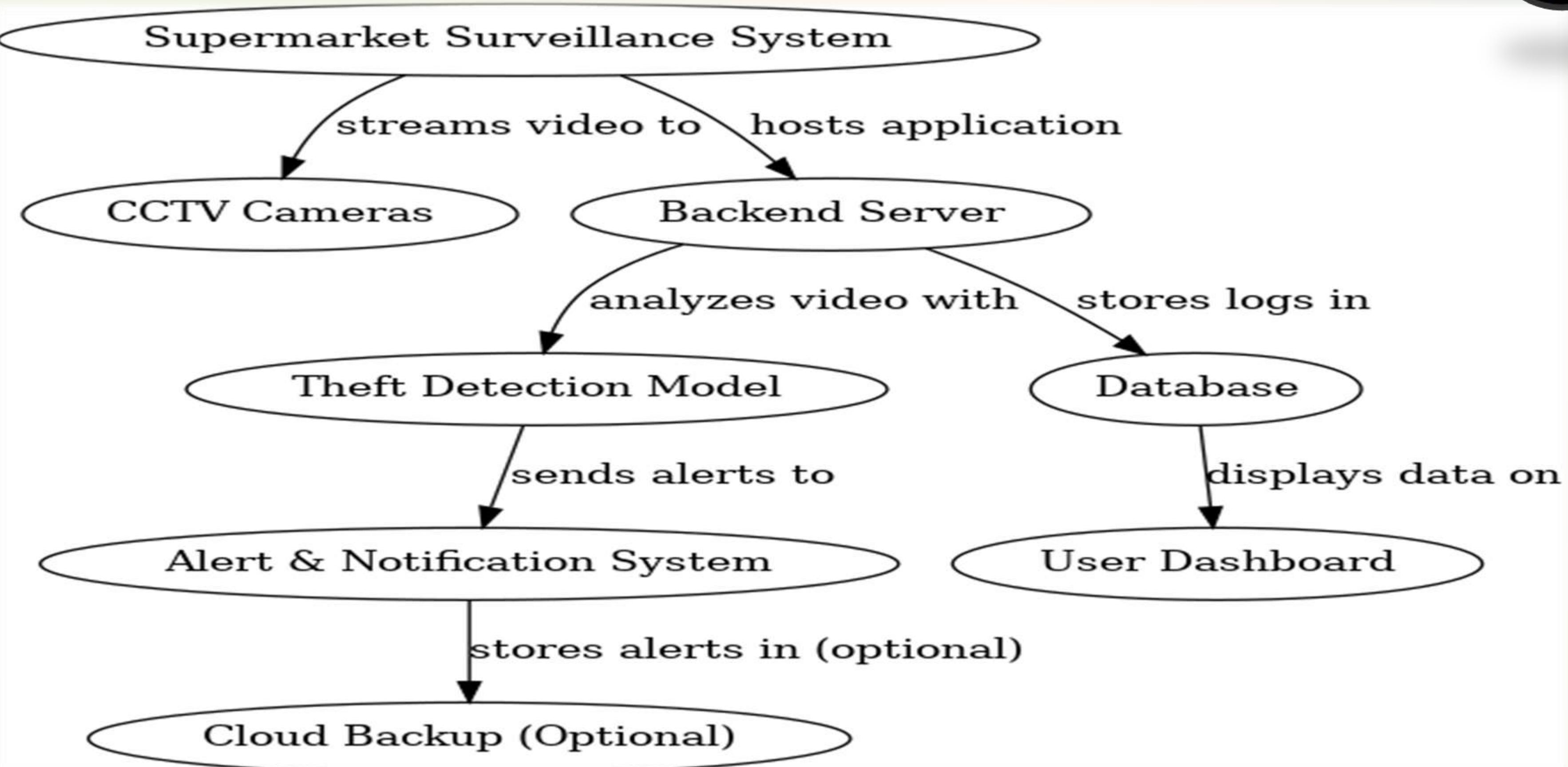


CONCEPTUAL ARCHITECTURE DIAGRAM

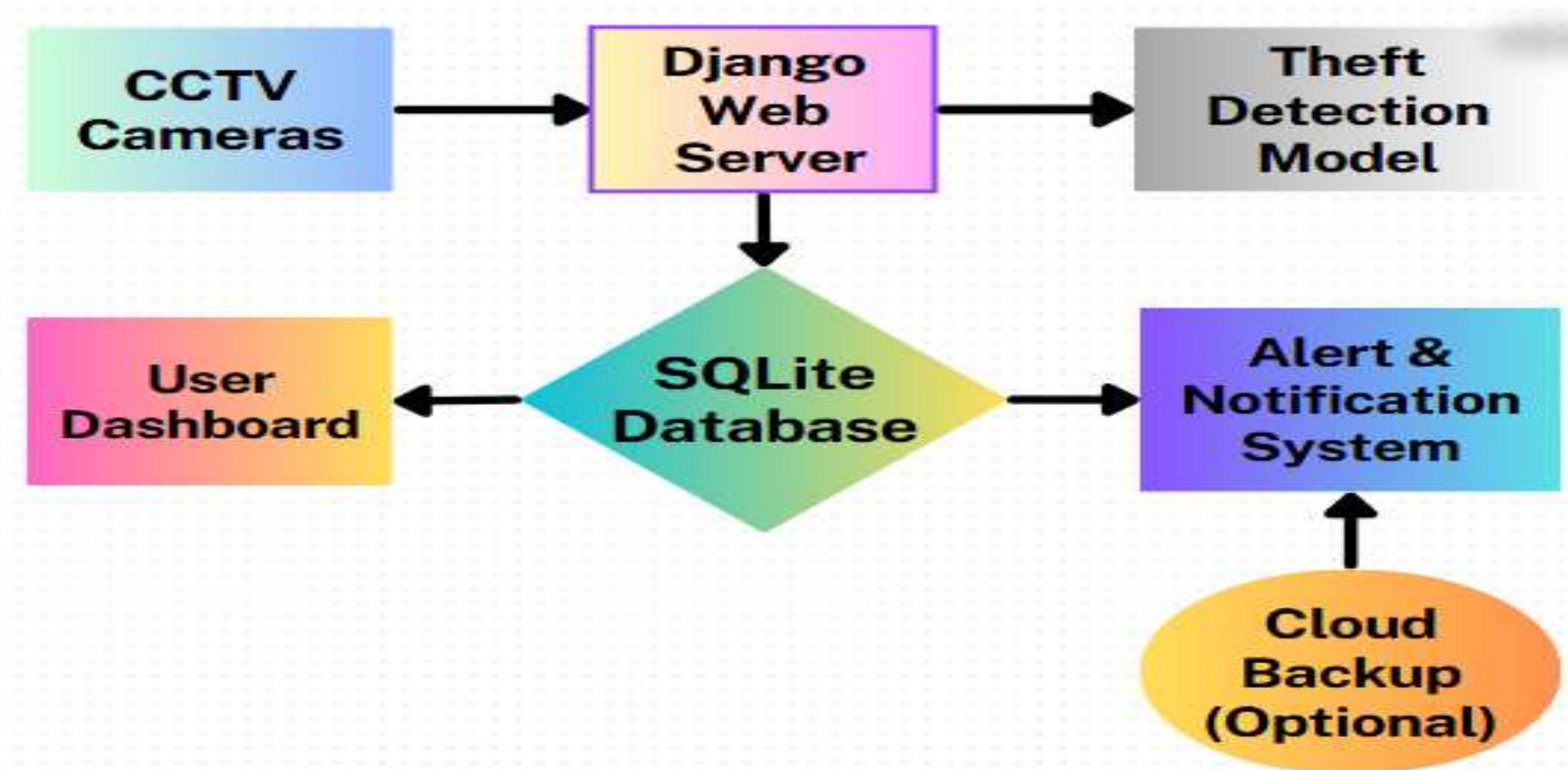




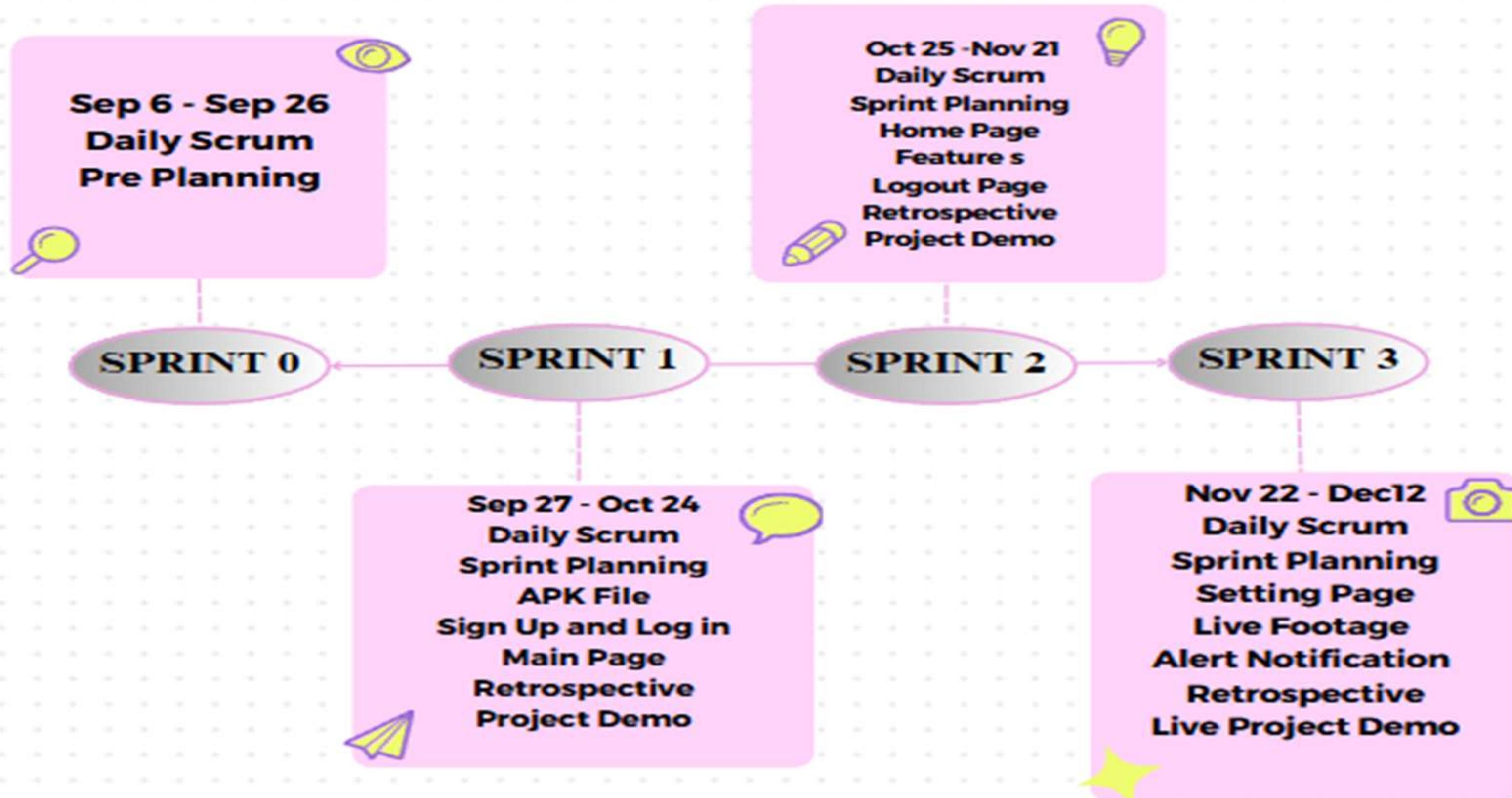
DATA FLOW DIAGRAM



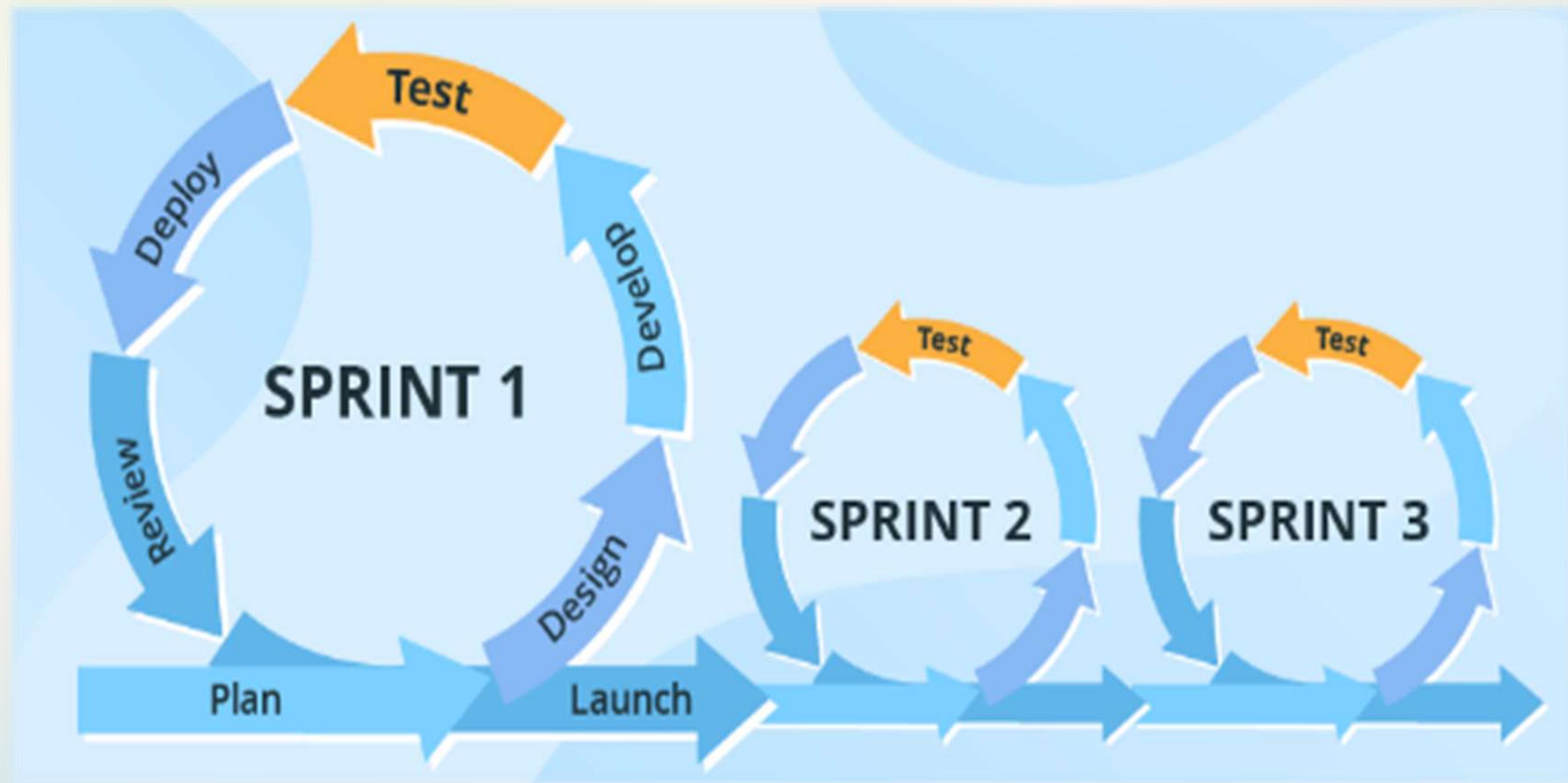
SURVEILLANCE SYSTEM ARCHITECTURE



SCHEDULE



SPRINT SUMMARY



SPRINT 1 RECAP



User Story ID	Issue Type	User Story	Story Points	Status
TA - 6	User Story	As a user, I should have an APK file that can be installed on a mobile device, so that I can access the application's basic functionalities.	3	Done
TA - 7	User Story	As a user, I want to create an account for the application by signing up with my name, email, and password, so that I can keep my account private.	8	Done
TA – 8	User Story	As a user, I want to register in the application by providing my username, so that I can create an account and access its features.	3	Done
TA – 9	User Story	As a user, I want to log in to the application using my user ID, so that I can access my account.	5	Done
TA - 10	User Story	As a registered user, I want to see the main page after logging into the application, so that I can access its features.	5	Done



SPRINT 2 RECAP

User Story ID	Issue Type	User Story	Story Points	Status
TA – 11	User Story	As a registered user, I want the option to log out of the application, so that I can securely end my session and log in again when needed	3	Done
TA – 12	User Story	As a user, I want to easily view the features on the homepage so that I can quickly explore and understand what the platform offers.	3	Done
TA – 13	User Story	As a user, I want to navigate between pages so that I can quickly access the features.	5	Done
TA – 14	User Story	As a user, I want to upload new videos so that I can watch Them later.	8	Done
TA - 15	User Story	As a registered user, I want the option to change my name on the settings page, so that I can easily update my profile information	3	To Do



PRODUCT BACKLOG

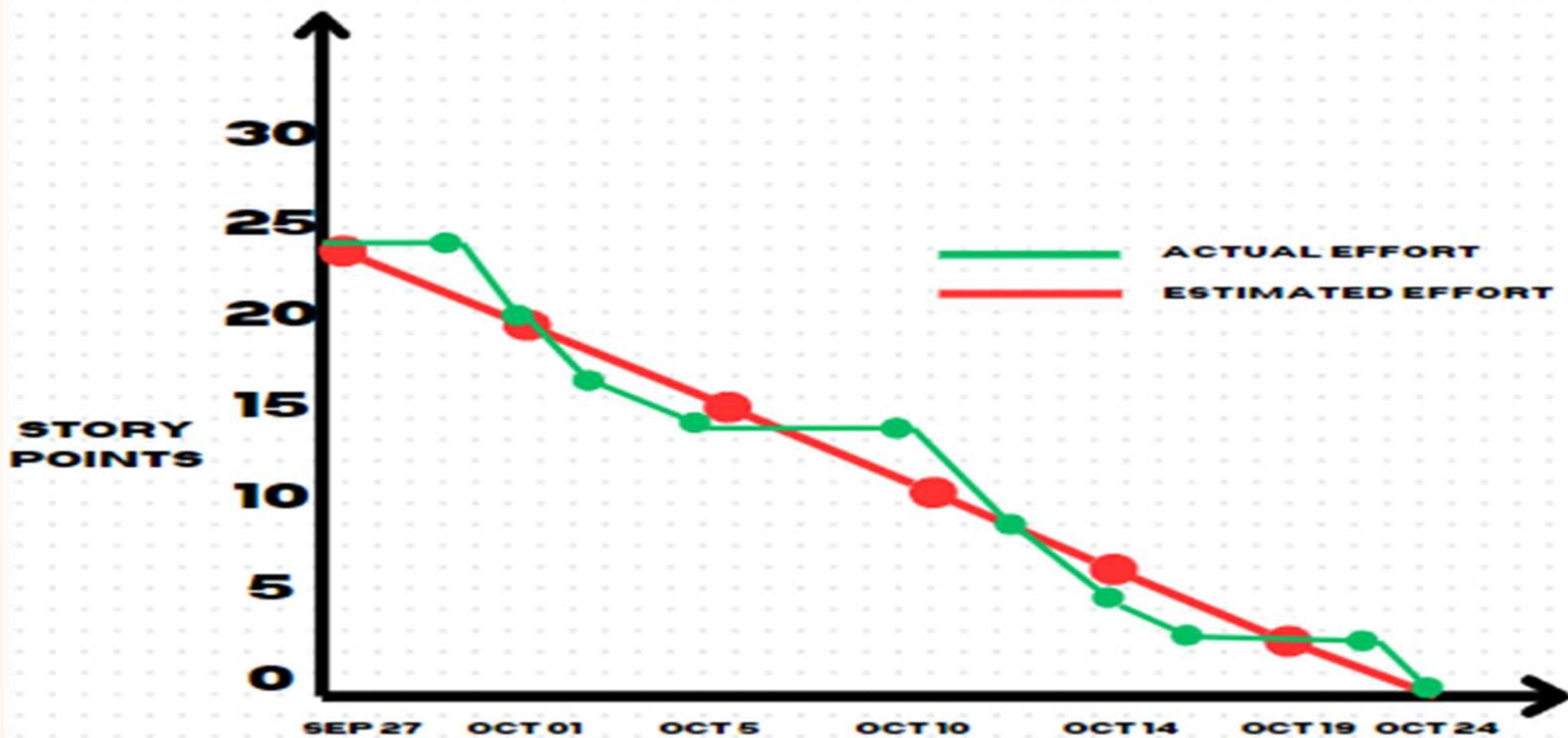
User Story ID	Issue Type	User Story	Story Points
TA – 1	Task	To gather all the requirements for the project.	8
TA – 2	Task	As a team we should have work agreement with all rules and regulations.	3
TA – 3	Task	As a team we should divide roles and responsibilities among ourselves to develop the project.	5
TA – 4	Task	As a team we should develop required technical and functional knowledge required to complete the project.	5
TA – 5	Task	As a team we should plan the product requirements and development plan for the project.	3
TA – 6	User Story	As a user, I want an APK file that can be installed on a mobile device, so that I can access the application's basic functionalities.	3
TA – 7	User Story	As a user, I want to create an account for the application using my name, email, and password, so that I can keep my account private.	8
TA – 8	User Story	As a user, I should be able to provide a username and get registered in the application	3
TA – 9	User Story	As a user, I want to log in using my user ID, so that I can access my account.	5
TA - 10	User Story	As a registered user I should be able to see the Main page, once I login the application.	5



PRODUCT BACKLOG

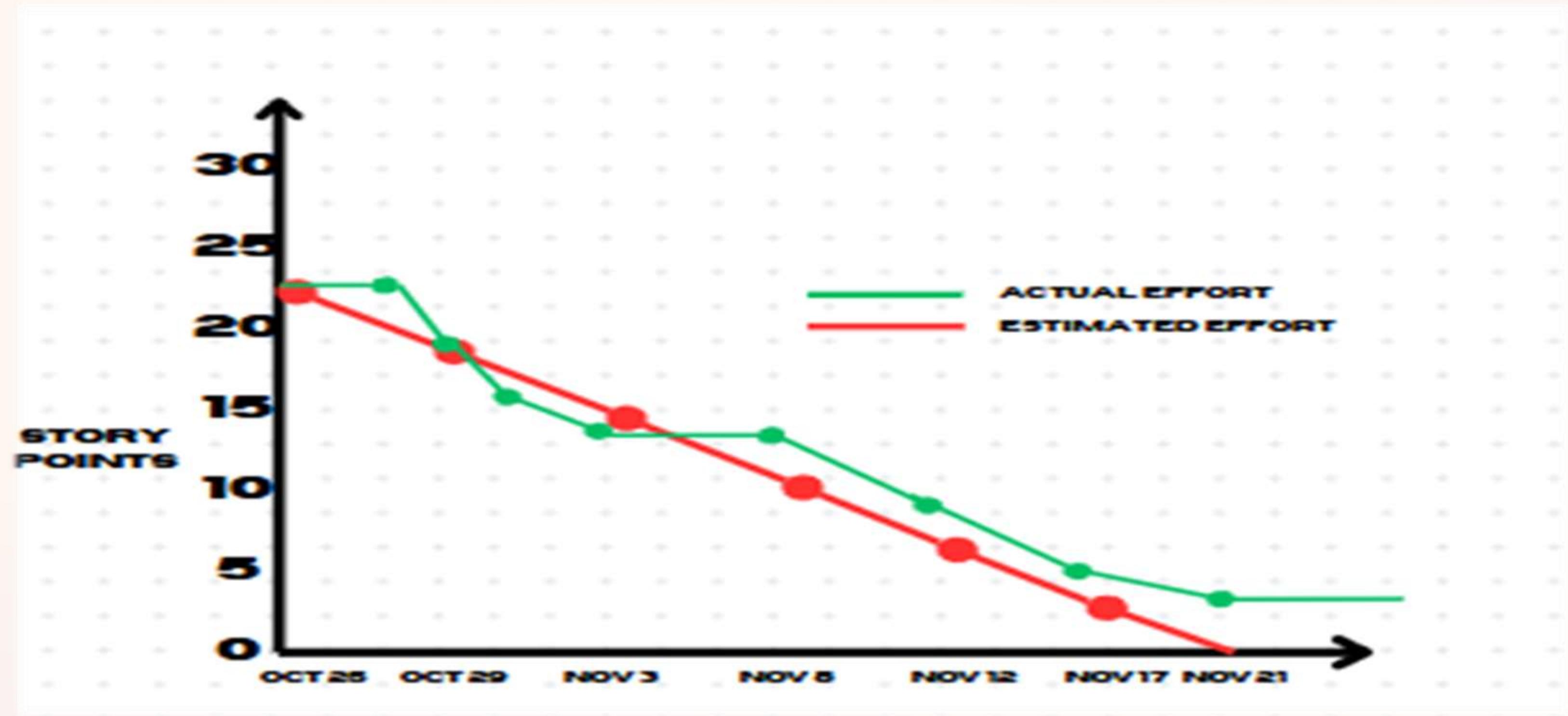
User Story ID	Issue Type	User Story	Story Points
TA – 11	User Story	As a registered user, I want the option to log out of the application, so that I can securely end my session and log in again whenever needed.	3
TA – 12	User Story	As a user, I want to easily view the features on the homepage so that I can quickly explore and understand what the platform offers.	3
TA – 13	User Story	As a user, I want to navigate between pages so that I can quickly access the features.	5
TA – 14	User Story	As a user, I want to upload new videos so that I can view them later.	8
TA – 15	User Story	As a registered user, I want to see the option to change my name on the settings page, so that I can easily update my profile name	5
TA – 16	User Story	As a registered user, I want to access live footage so that I can watch live feed .	5
TA – 17	User Story	As a registered user, I want a functionality to enable alerts so that I can be notified about important updates.	5
TA – 18	Task	Preparing Deployment Manual	3
TA – 19	Task	Preparing User Manual	3
TA – 20	Task	Preparing Tech Paper	3

Sprint 1 Burndown Charts



We committed to 24 story points and completed 24 story points.

Sprint 2 Burndown Charts



We committed to 22 story points and completed 19 story points.



SPRINT 3 BACKLOG

User Story ID	Issue Type	User Story	Acceptance Criteria	Feature	Story Points
TA – 15	User Story	As a registered user, I want to see the option to change the user's name on the settings page so that I can easily change the profile name.	Given the user is logged in, when they enter a valid username and click "Save," then the username should be updated, or an error message displayed.	Setting Page	5
TA – 16	User Story	As a registered user, I want to access live footage so that I can watch live videos too.	Given the user is logged in, when they go to the Live Videos section, then they should be able to watch live streams. If no live stream is available, a message like "No live streams available" should show.	Live Footage page	5
TA – 17	User Story	As a registered user, I want a functionality to enable alerts so that I can be notified about important updates.	Given that the user is logged in, when they visit the Settings page, they should see an option to turn alerts on or off. If alerts are on, they should receive notifications for important updates.	Notification Page	5



TEST CASES

Test ID	User Story ID	User Story	Test Data	Steps to be taken	Expected Result	Actual Result
TT ID-11	TA – 15	As a registered user, I want to see the option to change the user's name on the settings page so that I can easily change the profile name.	Username: Vinod Password: Vinod@99	Log in and go to the Settings page. Enter a new, valid username in the "New Username" field and click "Save".	The "New Username" field and "Save" buttons are visible. After clicking "Save", the username should update with a success message or show an error if the username is invalid.	The "New Username" field and "Save" button appear. Upon submitting a valid username, it updates successfully with a confirmation message, or an error appears if the username is invalid.
TT ID-12	TA – 16	As a registered user, I want to access live footage so that I can watch live videos too.	Username: Vinod Password: Vinod@99	When the user logs in and navigates to the Live Videos section, they should click on a live stream to ensure it plays smoothly with options to pause and resume. If no streams are available, the user should see the message "No live streams available."	The live stream should play smoothly, with options to pause and resume. If no stream is available, the message "No live streams available" should be displayed.	The live stream plays without issues; if no streams are available, the message "No live streams available" appears.

TEST CASES



Test ID	User Story ID	User Story	Test Data	Steps to be taken	Expected Result	Actual Result
TT ID-13	TA – 17	As a registered user, I want a functionality to enable alerts so that I can be notified about important updates.	Username: Vinod Password: Vinod@99	When the user logs in and navigates to the ‘Settings’ page, they should find the alert option. The user should toggle the alert setting to either enable or disable notifications. Then, the user should check whether they receive notifications based on their preference.	The user should see an option to enable or disable alerts in the Settings page. If alerts are enabled, they should receive notifications for important updates, and if disabled, no notifications should be sent.	The alert option is visible and functional in the ‘Settings’. When enabled, the user receives notifications as expected, and when disabled, no notifications are sent.



Stories Completed

User Story ID	Issue Type	User Story	Story Points	Status
TA – 15	User Story	As a registered user, I want to see the option to change the user's name on the settings page so that I can easily change the name of profile.	5	Done
TA – 16	User Story	As a registered user, I want to access live footage so that I can watch live videos too.	5	Done
TA – 17	User Story	As a registered user, I want a functionality to enable alerts so that I can be notified about important updates.	5	Done
TA – 18	Task	Preparing Deployment Manual	3	Done
TA – 19	Task	Preparing User Manual	3	Done
TA – 20	Task	Preparing Tech Paper	3	Done



PERFORMANCE
for



Less
is
More

Useful
iP!

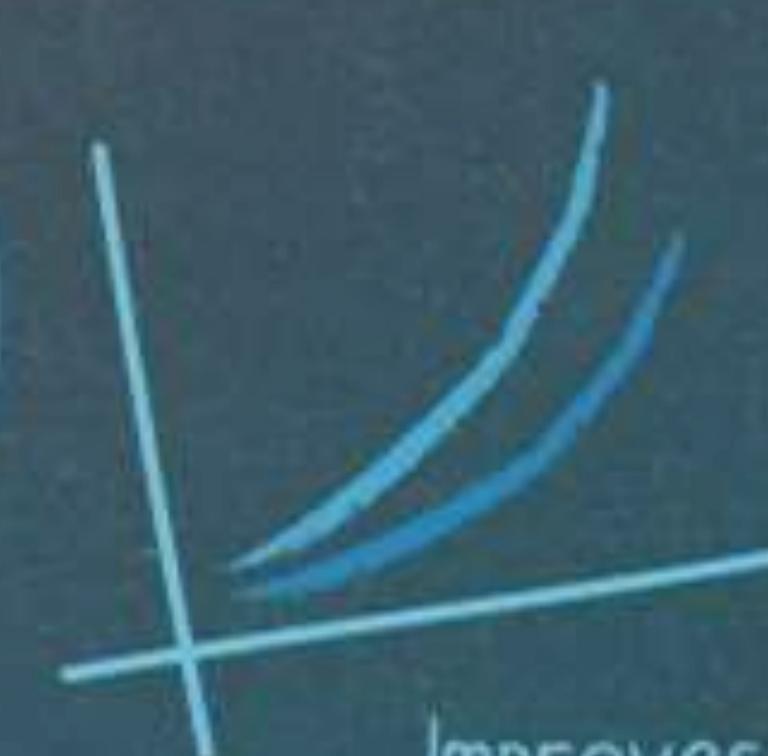
Perform
VALUE of
INFORMATION

METRICS

Identify
QUANTIFIABLE
WORK OUTPUTS



Check if



Improves
performance

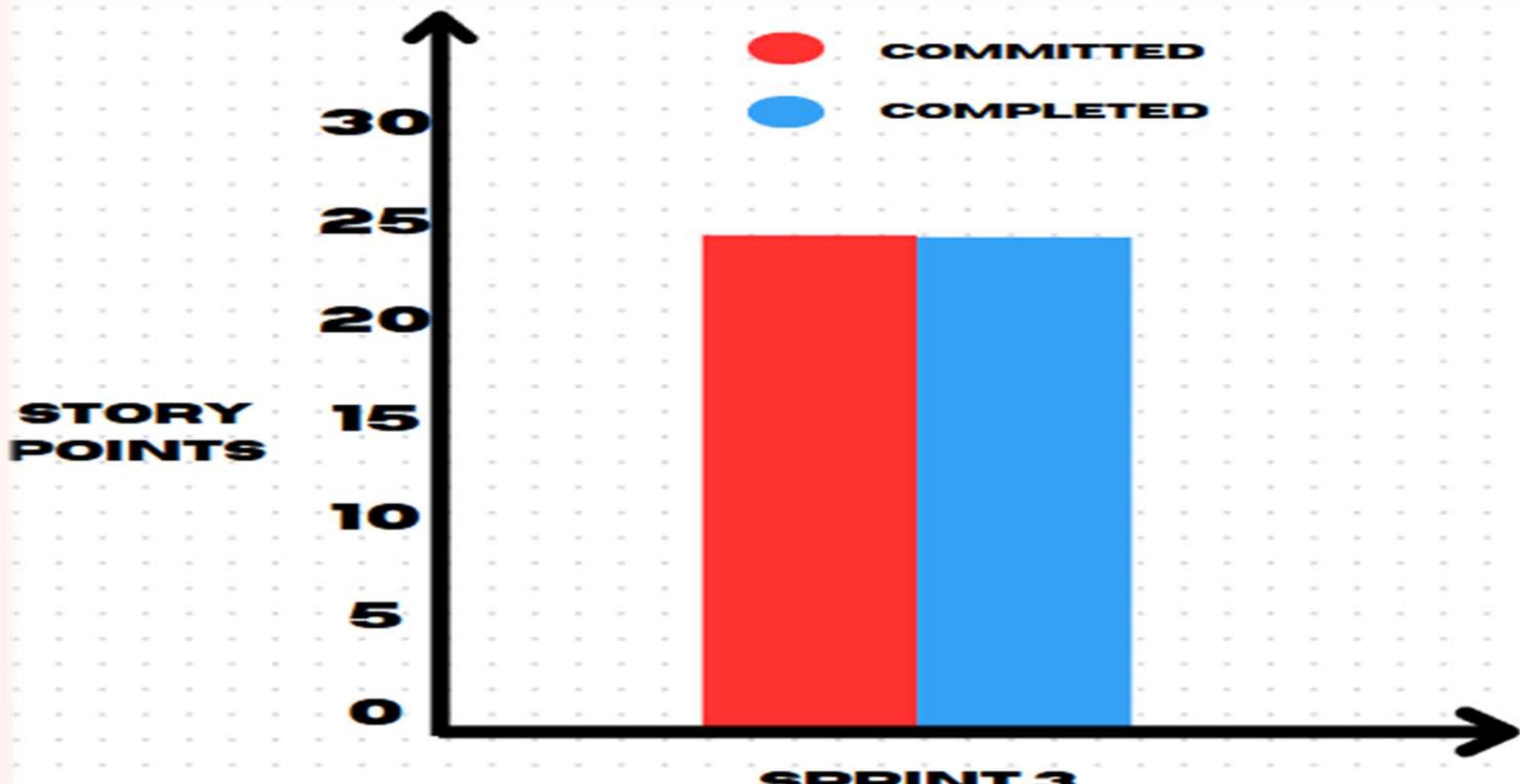
Influences
CORPORATE
STRATEGY

continuous



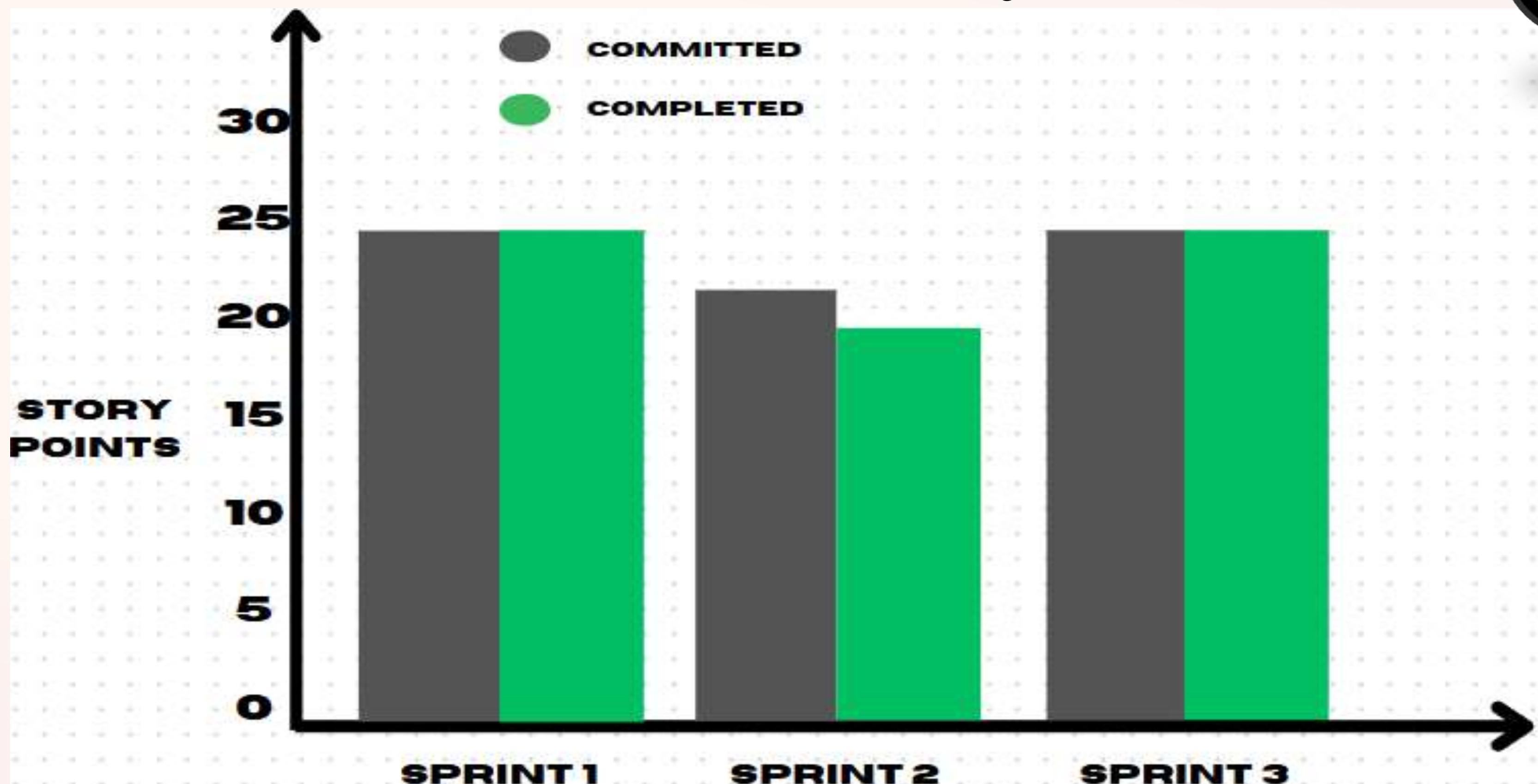


Team Velocity Chart

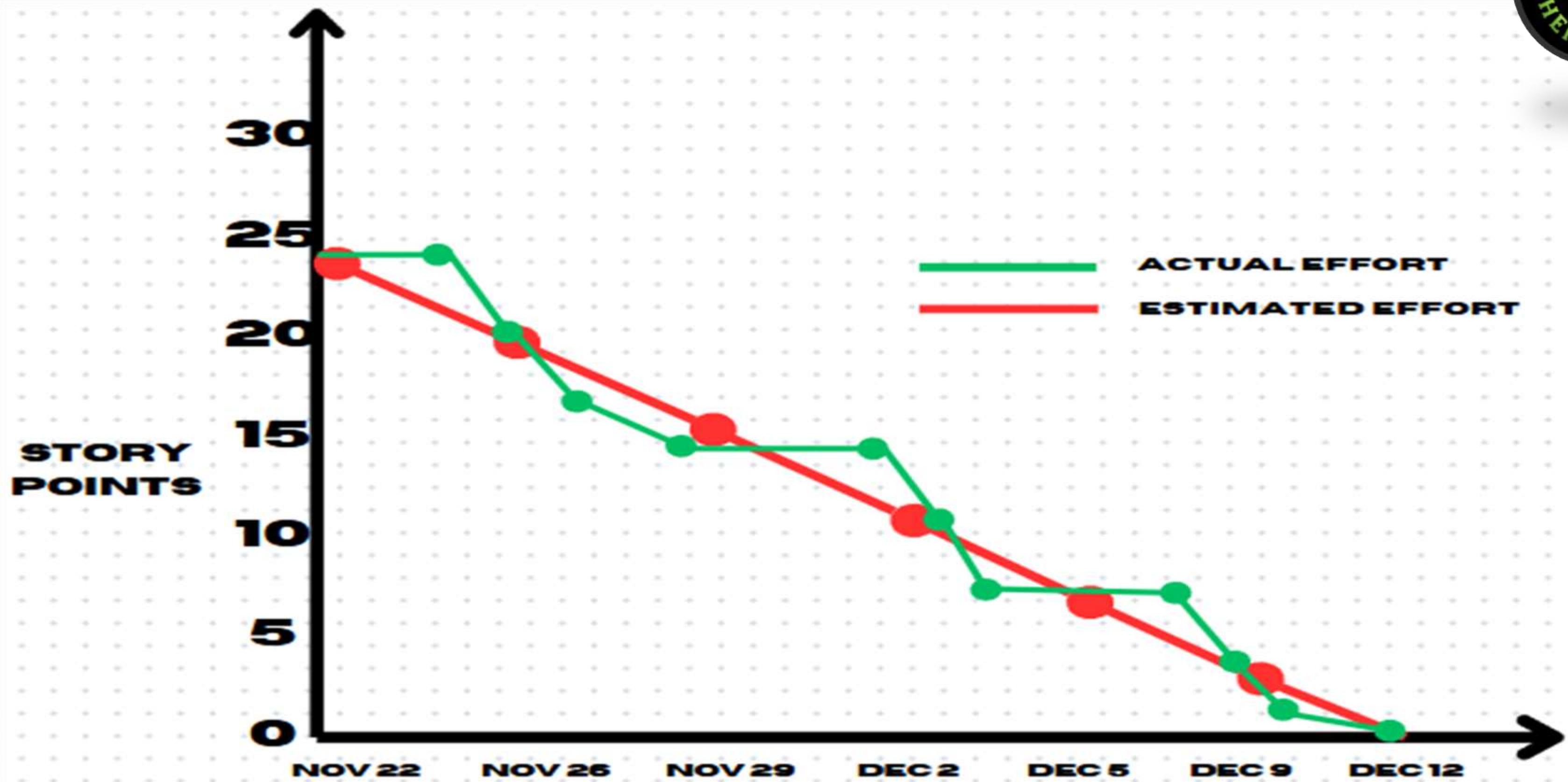




Team Historical Velocity Chart



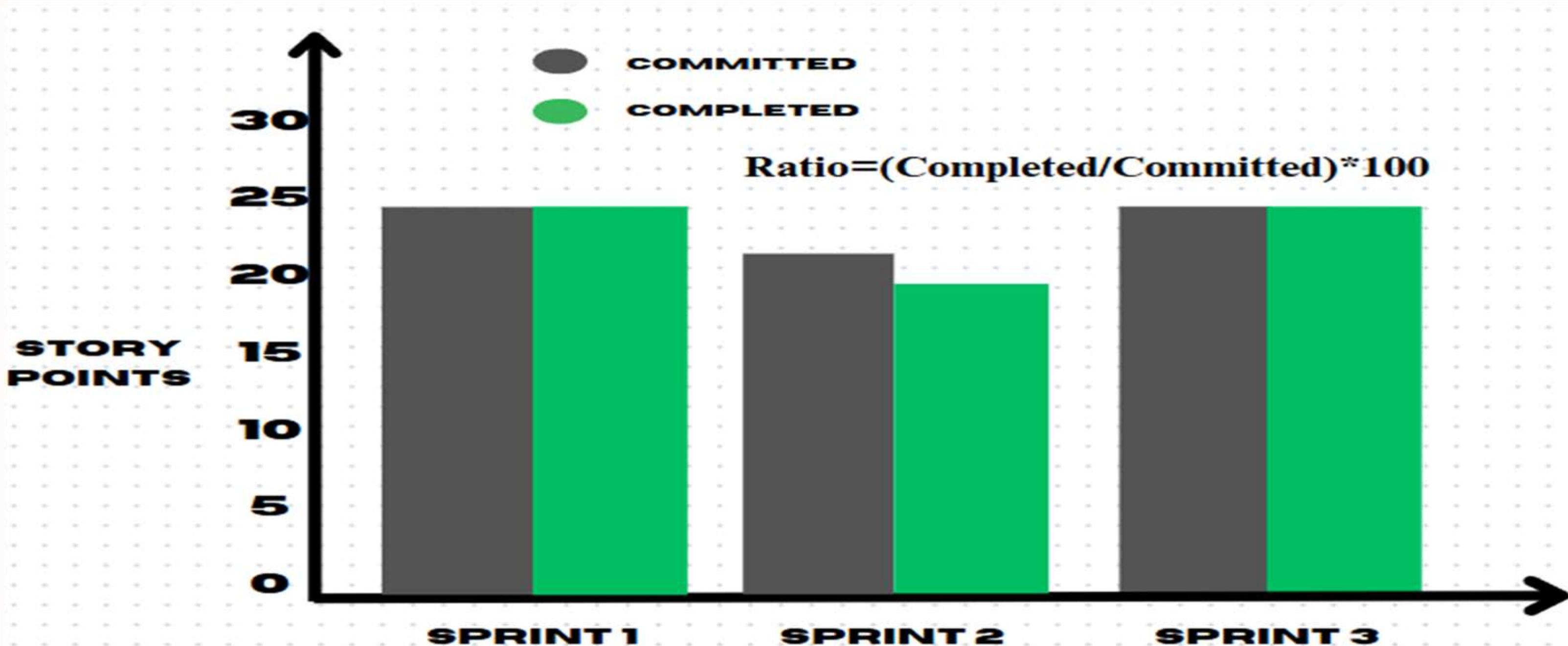
Burndown Charts



We committed to 24 story points and completed 24 story points.



Completed/Committed Ratio



Sprint	Sprint 1	Sprint 2	Sprint 3
Committed	24	22	24
Completed	24	19	24
Ratio %	100%	86.3%	100%

RETROSPECTIVE



WHAT WENT WELL?

Improved story in terms of refinement and documentation

Work loads were balanced

Everyone was focused on the job at hand

Effective communication with one another

Everybody came up with original ideas

Each team member part of the project was well received by the developer

All work is done before the deadline

Excellent sprint planning

Project was substantially improved by exchange of information amongst the team

WHAT NEEDS IMPROVEMENT?

A few standard featured modules needs to have improved intra communication

Identifying problems quickly and solving them before deadline

To manage time more efficiently

We should focus on using more tools and techniques for a given task

During sprint, few last-minute issues were discovered and resolved

Frequent checks of each others work is required

There always room for extra work

NEXT STEPS?

To make sure that team members regularly participate in scrum calls and update status more frequently

Review each other's work more diligently

Some prerequisite tasks and necessary items should be defined earlier in sprint preparation

To avoid effective communication breakdown

Instead of conducting three day meetings conduct them everyday

Need to have more knowledge on existing tools

Have more detailed knowledge on newer technologies



PROJECT DEMO



PROJECT DEMO SCREENSHOTS

SecureView Platform Home View Videos Manage Videos Settings Notifications 2 Logout

Live Stream

Camera Feed

2017/12/2
IPcamera

A live stream video feed from a supermarket camera. The video shows a wide shot of a grocery store aisle with multiple shelves of products. Several people are visible, some shopping and one person in a dark jacket standing near the center. The video has a timestamp in the top left corner: '2017/12/2' and 'IPcamera'. The interface includes a dark header bar with the 'SecureView Platform' logo and navigation links: Home, View Videos, Manage Videos, Settings, and Notifications (with a red notification badge). Below the header is a title 'Live Stream' and a subtitle 'Camera Feed'. The main area is a large video frame showing the supermarket interior.

PROJECT DEMO SCREENSHOTS



Screenshot of the SecureView Platform dashboard header. It shows the logo, 'SecureView Platform', navigation links ('Home', 'View Videos', 'Manage Videos', 'Settings', 'Notifications'), and a 'Logout' button. A red notification badge with the number '2' is visible on the 'Notifications' link.

Notifications

- Camera 3 offline X

12/15/2024, 12:57:11 PM
- Person identified in restricted area X

12/15/2024, 12:57:06 PM

PROJECT DEMO SCREENSHOTS



The screenshot shows a code editor interface with a sidebar and a main editing area. The sidebar on the left lists the project structure:

- OPEN EDITORS: base.html
- SUPER...: Supermarket-Surveillance-System
- Supermarket-Surveillance-System:
 - assets
 - cctv_project
 - media
 - node_modules
 - security
 - _pycache_
 - migrations
 - static
 - base_one.html
 - base.html
 - edit_video.html
 - home.html
 - live_stream.html
 - upload_video.html
 - video_list.html
 - video_management.html
- _init_.py
- admin.py
- apps.py
- consumers.py
- forms.py
- models.py
- routing.py
- tests.py

The main area displays the content of the selected file, `base.html`:

```
1  {% load static %}  
2  <!DOCTYPE html>  
3  <html lang="en">  
4  <head>  
5      <meta charset="UTF-8">  
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">  
7      <title>CCTV Security Platform</title>  
8      <link rel="stylesheet" href="{% static 'security/css/styles.css' %}">  
9  </head>  
10 <body>  
11     <header>  
12         <nav>  
13             <ul>  
14                 <li><a href="{% url 'home' %}">Home</a></li>  
15                 <li><a href="{% url 'video_list' %}">View Videos</a></li>  
16                 <li><a href="{% url 'video_management' %}">Manage Videos</a></li>  
17                 <li><a href="{% url 'video_upload' %}">Upload Video</a></li>  
18             <li>  
19                 {% if user.is_authenticated %}  
20                     <form method="post" action="{% url 'logout' %}">  
21                         {% csrf_token %}  
22                         <button type="submit">Logout</button>  
23                     </form>  
24                 {% else %}  
25                     <a href="{% url 'login' %}">Login</a>  
26                 {% endif %}  
27             </li>  
28         </ul>  
29     </nav>  
30 </header>
```

Below the code editor are tabs for OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab shows the following logs:

- [13/Nov/2024 21:22:12] "GET / HTTP/1.1" 200 7020
- [13/Nov/2024 21:22:12] "GET /static/security/images/supermarket-surveillance.jpg HTTP/1.1" 404 1946

The bottom status bar indicates the current file is `base.html`, with 1 line and 4 spaces, and the encoding is UTF-8. It also shows the Django HTML icon.

The screenshot shows the VS Code interface with the following details:

- EXPLORER**: Shows the project structure:
 - live_stream.html (selected)
 - Supermarket-Surveillance-System > security > templates > security > live_stream.html
 - live_stream.html...
 - SUPER... (with icons for preview, edit, and delete)
 - Supermarket-Surveillance-System
 - assets
 - cctv_project
 - media
 - node_modules
 - security (selected)
 - _pycache_
 - migrations
 - static
 - templates
 - registration
 - security (selected)
 - base_one.html
 - base.html
 - edit_video.html
 - home.html
 - live_stream.html (selected)
 - upload_video.html
 - video_list.html
 - video_manager.html
 - _init_.py
 - admin.py
 - apps.py
 - consumers.py
 - forms.py
 - models.py
 - routing.py
 - tests.py
- OPEN EDITORS**: live_stream.html
- TERMINAL**:
 - OUTPUT DEBUG CONSOLE TERMINAL PORTS
 - PROBLEMS TERMINAL
 - No problems have been detected in the workspace.
 - [13/Nov/2024 21:22:12] "GET / HTTP/1.1" 200 7020
 - [13/Nov/2024 21:22:12] "GET /static/security/images/supermarket-surveillance.jpg HTTP/1.1" 404 1946
- STATUS BAR**: Line 1, Col 1 | Spaces: 4 | UTF-8 | CRLF | Django HTML

PROJECT DEMO SCREENSHOTS



EXPLORER video_management.html X

OPEN EDITORS video_management.html

SUPER... video_list.html

Supermarket-Sur... video_list.html

assets

cctv_project

media

node_modules

security

pycache

migrations

static

templates

registration

security

base_one.html

base.html

edit_video.html

home.html

live_stream.html

upload_video.ht...

video_list.html

video_manag...

init.py

admin.py

apps.py

consumers.py

forms.py

models.py

routing.py

tests.py

video_management.html

```
2  {% load static %} 3  4  {% block title %}Manage Videos - CCTV Security Platform{% endblock %} 5  6  {% block content %} 7  <div class="bg-white shadow-md rounded-lg overflow-hidden"> 8  <div class="px-6 py-4 bg-gray-800 text-white flex justify-between items-center"> 9  <h2 class="text-xl font-semibold">Manage Videos</h2> 10 <a href="{% url 'video_upload' %}" class="bg-blue-500 hover:bg-blue-600 text-white font-bold py-2 px-4 rounded inline-flex items-center"> 11 <svg class="w-4 h-4 mr-2" fill="none" stroke="currentColor" viewBox="0 0 24 24" xmlns="http://www.w3.org/2000/svg"> 12 <path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M12 6v6m 0 6m 6-6l-4-4m 4 4l4 4m 0 6l0 12" /></svg> 13 </a> 14 <Upload New Video> 15 </a> 16 </div> 17 <div class="overflow-x-auto"> 18 <table class="min-w-full divide-y divide-gray-200"> 19 <thead class="bg-gray-50"> 20 <tr> 21 <th scope="col" class="px-6 py-3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">Video Name</th> 22 <th scope="col" class="px-6 py-3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">Uploaded By</th> 23 <th scope="col" class="px-6 py-3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">Actions</th> 24 </tr> 25 </thead> 26 <tbody class="bg-white divide-y divide-gray-200"> 27 <% for video in videos %> 28 <tr class="hover:bg-gray-50"> 29 <td class="px-6 py-4 whitespace nowrap"> 30 <div class="flex items-center"> 31 <div class="flex-shrink-0 h-10 w-10"> 32 <img alt="Video thumbnail icon" />
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

PROBLEMS TERMINAL

No problems have been detected in the workspace.

[13/Nov/2024 21:22:12] "GET / HTTP/1.1" 200 7020

[13/Nov/2024 21:22:12] "GET /static/security/images/supermarket-surveillance.jpg HTTP/1.1" 404 1946

EXPLORER video_list.html X

OPEN EDITORS video_list.html

SUPER... video_list.html

Supermarket-Sur... video_list.html

assets

cctv_project

media

node_modules

security

pycache

migrations

static

templates

registration

security

base_one.html

base.html

edit_video.html

home.html

live_stream.html

upload_video.ht...

video_list.html

video_manag...

init.py

admin.py

apps.py

consumers.py

forms.py

models.py

routing.py

tests.py

video_list.html

```
1  {% extends 'security/base_one.html' %} 2  {% load static %} 3  4  {% block title %}Available CCTV Videos - Security Platform{% endblock %} 5  6  {% block content %} 7  <div class="container mx-auto px-4 py-8"> 8  <div class="flex justify-between items-center mb-6"> 9  <h2 class="text-3xl font-bold text-gray-800">Available CCTV Videos</h2> 10 <a href="{% url 'live_stream' %}" class="bg-red-500 hover:bg-red-600 text-white font-bold py-2 px-4 rounded inline-flex items-center transition-all duration-200 ease-in-out"> 11 <svg class="w-4 h-4 mr-2" fill="none" stroke="currentColor" viewBox="0 0 24 24" xmlns="http://www.w3.org/2000/svg"> 12 <path stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M15 10l4.553-2.276a1 1 0 0 1 8.618v6.764a1 1 0 0 1-1.447,89" /></svg> 13 </a> 14 <Show Live Footage> 15 </a> 16 </div> 17 <div class="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-6"> 18 <% for video in videos %> 19 <div class="bg-white rounded-lg shadow-md overflow-hidden"> 20 <div class="p-4"> 21 <h3 class="text-xl font-semibold text-gray-800 mb-2">{{ video.video_name }}</h3> 22 <div class="aspect-w-16 aspect-h-9"> 23 <video class="object-cover w-full h-full rounded" controls preload="metadata"> 24 <source src="{{ video.file.url }}" type="video/mp4"> 25 </video> Your browser does not support the video tag. 26 </div> 27 </div> 28 </div> 29 </div> 30 <div class="mt-4 flex justify-between items-center"> 31 <span class="text-sm text-gray-600">Uploaded: {{ video.uploaded_at|date:"F d, Y" }}</span> 32 <a href="{{ video.file.url }}" download class="text-blue-600 hover:text-blue-800 text-sm font-medium">
```

OUTPUT DEBUG CONSOLE TERMINAL PORTS

PROBLEMS TERMINAL

No problems have been detected in the workspace.

[13/Nov/2024 21:22:12] "GET / HTTP/1.1" 200 7020

[13/Nov/2024 21:22:12] "GET /static/security/images/supermarket-surveillance.jpg HTTP/1.1" 404 1946



PROJECT DEMO SCREENSHOTS

SecureView Platform Home View Videos Manage Videos Settings Notifications 0 Logout

Available CCTV Videos

Show Live Footage

CCTV FOOT

0:00 / 1:38

Uploaded: [Download](#)

Grocery Footage

0:00 / 0:15

Uploaded: [Download](#)

Theft Scene

0:00 / 1:38

Uploaded: [Download](#)

Footage

2017/12/25



PROJECT DEMO SCREENSHOTS

SecureView Platform Home View Videos Manage Videos Settings Notifications 0 Logout

Admin Settings

Profile Alerts System

Profile Information

Username

kumar12

Email

aluruvinodkumar12@gmail.com

Save Changes



LIVE APPLICATION DEMO



Talking:

SecureView Platform Home View Videos Manage Videos Settings Notifications 24 Logout

Available CCTV Videos

Show Live Footage

CCTV FOOT

2017/12/10 10:00 AM

0:00 / 1:38

Download

Grocery Footage

0:00 / 0:15

Download

Theft Scene

2017/12/10 10:00 AM

0:00 / 1:38

Download

Footage

2017/12/10 10:00 AM

Download

Theft_Scene

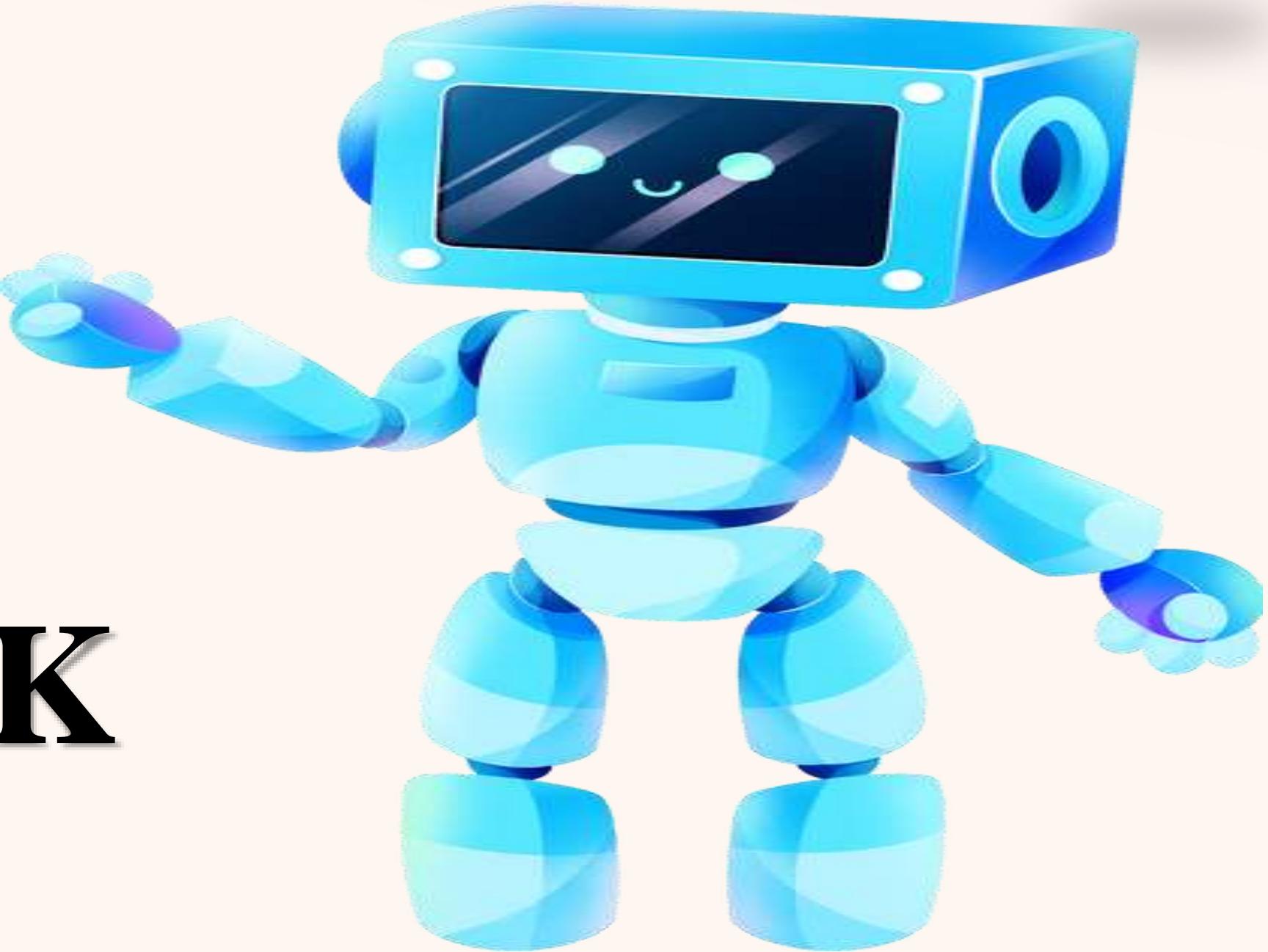
Download



GitHub

GITHUB LINK

<https://github.com/htmw/2024F-Team4/wiki>





Thank You