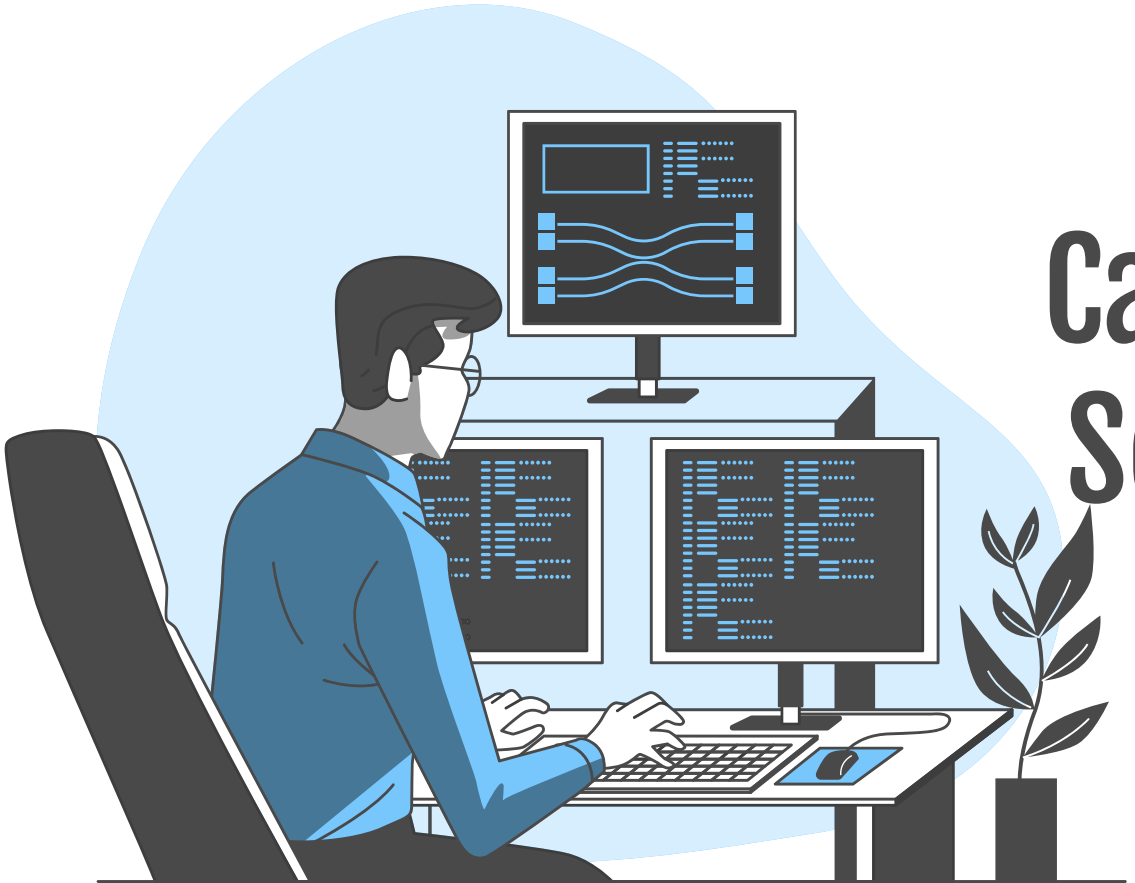
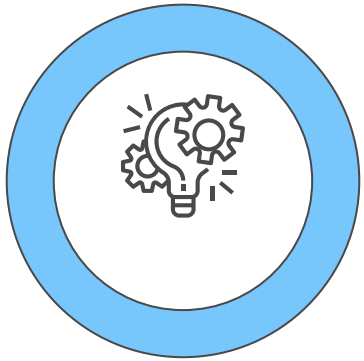


Camera Motion Sensor System

SPM Lab 5



I SPY

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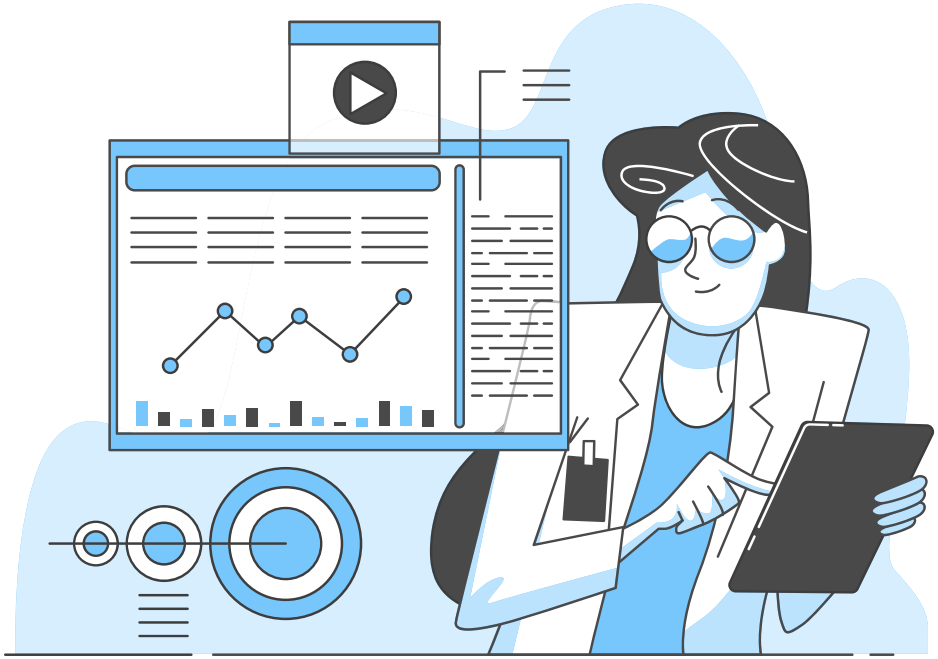


Introduction

- Mission: Camera Motion Sensor System to increase home safety
- Solution: Easy security solutions providing peace of mind for homeowners
- Risks: Addressed thoroughly with strategies
- Success: Improved safety and customer satisfaction

Objectives

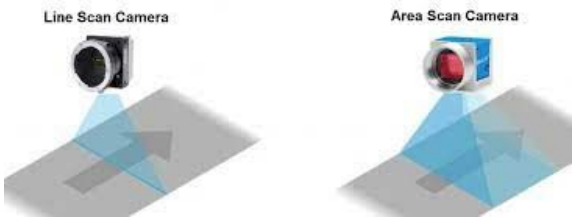
1. We want to create a fast responding camera with a wide range.

2. We want to add components to our camera that allow it to be accurate.

3. We want to have a wide database that customers can use to store their security videos.

4. Provide a User Friendly Interface

5. Try to keep overall production costs below provided budget



Measures of Success

1. We want to have a high detection rate of the camera when we test accuracy

2. The camera quality should be clear and can properly identify the person/thing

3. The system should contain a functional security database that tracks all movement that is detected

4. The customer feedback from the stakeholders and customers should be highly rated

5. The project should not go over budget

Risks

Lack of motivation:

- Motivation of the team is very important because the project can take 41 months to complete.
- Low motivation can lead to low worker performance and delays.

Falling behind schedule:

- Due to any reason, development of the project may fall behind the schedule at any point leading to a huge time crunch for later activities.

Miscommunication:

- This project requires extensive research, which could lead to lack of understanding leading to the miscommunication.
- Miscommunication between the team members and the stakeholder could put project into a risk.

Integration Issues:

- Along with not working as expected, there is a risk that modules may be missing

Budget Issues:

- Risks like misccomunication, and falling behind the schedule, both requires resources to solve whether its time or money

Functionality Issues:

- This project is built of many components sensors, databases; security protocols, and a web application
- With many components, there are risks that project does now function as required by stakeholder.

Risk Solutions

Lack of motivation:

- In order to combat this, incentives that recognize and celebrate good results will be introduced.
- Each software team will be assigned a leader who is capable of motivating and managing the team

Falling behind schedule:

- Weekly meetings will be conducted to confirm the progress.
- If it is determined a software team is falling behind, resources will be allocated to ensure it stays on track.

Miscommunication:

- Inperson meetings will be held, so that both parties understand the objectives of the project.

Integration Issues:

- our team will split up into multiple small teams when working on the project.
- Both parties will also go through the documentation together and figure out the details.
- To ensure modules work together, the manager of each team will communicate with one another.

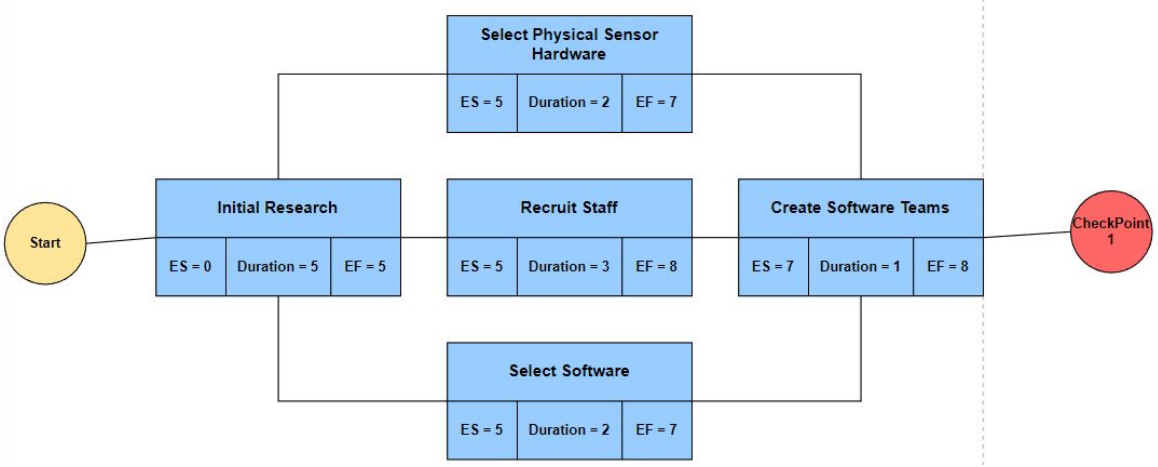
Budget Issues:

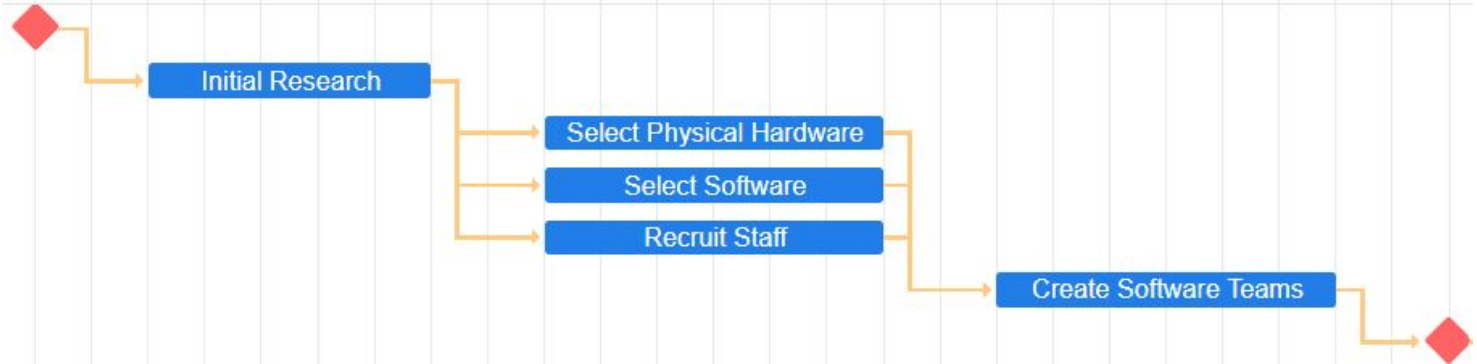
- Risks will be taken into account and extra funds will be saved in case of an emergency.
- If a delay does occur, then funds will be available.

Functionality Issues:

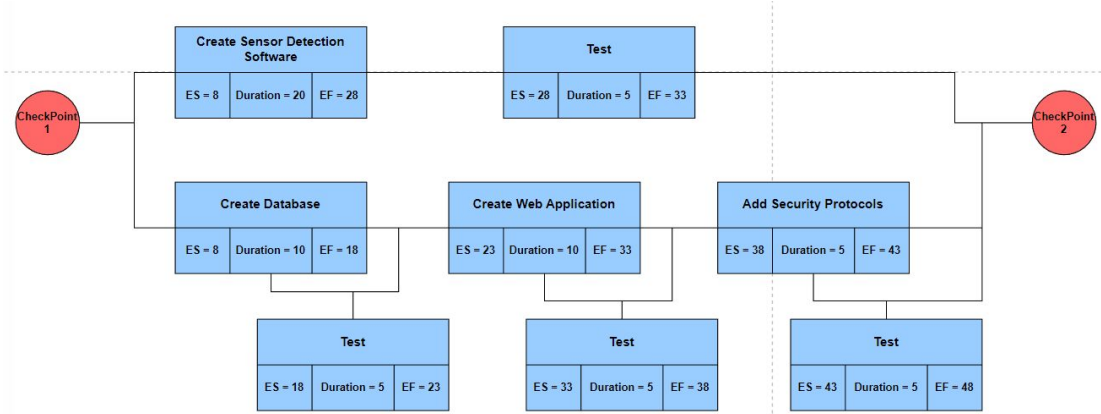
- software testing will be conducted concurrently with the design stages
- By consistently testing, it can be determined if the software has the required functionality.

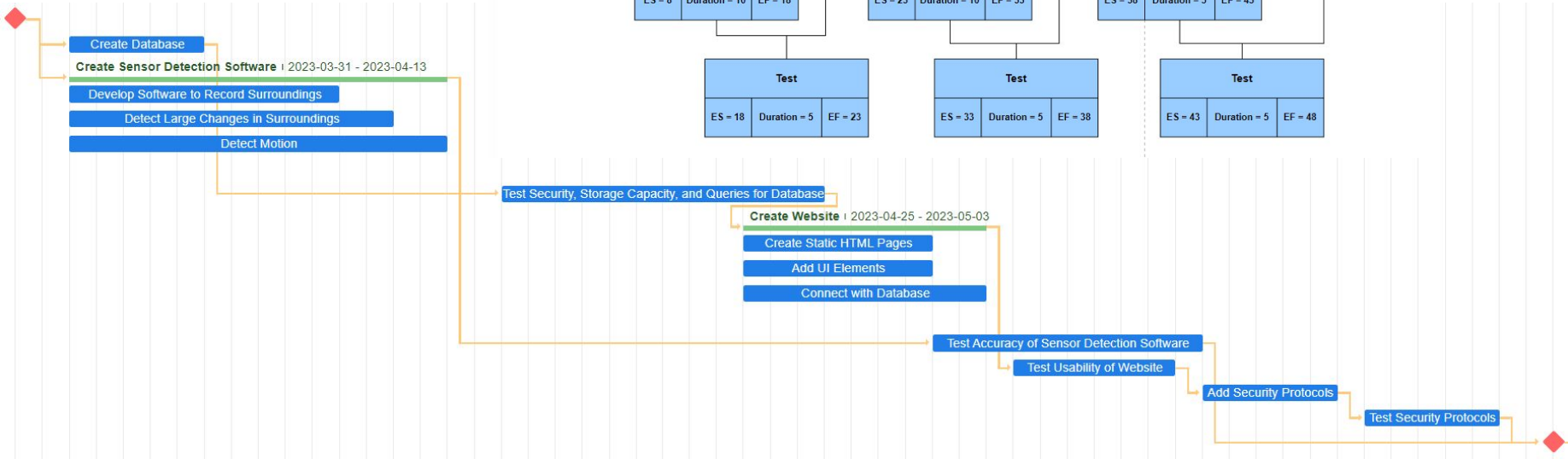
Planning Phase



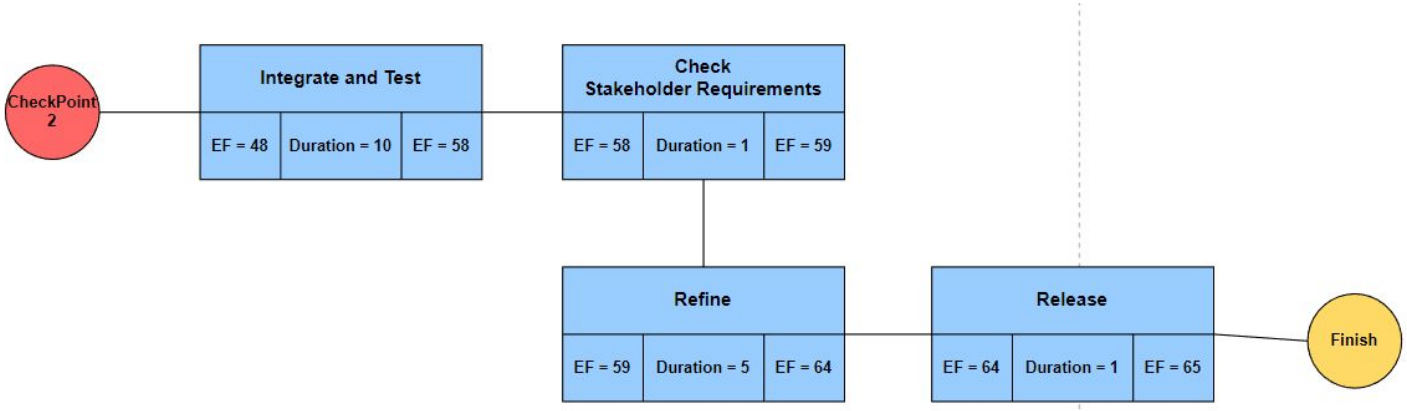


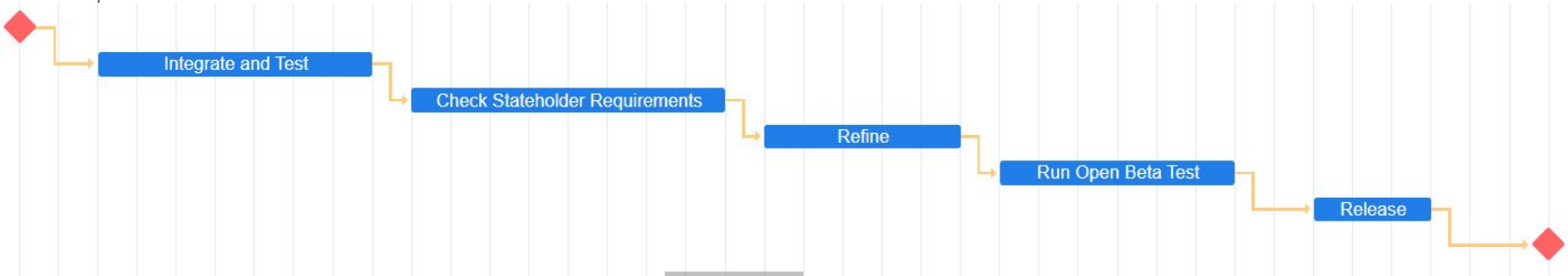
Design Phase





Deployment Phase





Thanks!