

Product/Team name: Synthura
Completion Date: May 21, 2024
Revision Number: 1
Revision Date: May 7, 2024

Sprint 3 Plan

Goal: The product should be able to extract advanced information from video feeds, as well as be able to alert users about dangerous threats.

Task Listing:

User Story #1: As a security guard, I want access to an advanced information feed so that I can understand the existence of dangerous objects when I'm seeing through my cameras. [4 points]

- Create algorithms to detect potentially dangerous situations and objects [5 hours]
- Modify backend to support algorithms to detect dangerous situations [3 hours]

User Story #2: As a user who's not constantly watching their cameras, I want email alerts so that I can be notified about potentially dangerous scenarios. These should detail which environment, cluster, and which camera it was in. Registering what time it happened and what set it off, example: a knife. [3 points]

- Set up email notification system and database capabilities [5 hours]

Team Roles:

Levi: Backend Developer/Machine Learning Engineer

Jerry: Backend Developer/Machine Learning Engineer

Zachary: Backend Developer/Machine Learning Engineer

Githika: Designer/Web Developer Front End

Owen: Web Developer/ Front End/Back End

Nam: Web Developer Front End/Back End

Initial Task Assignment:

Owen - User Story 1 Task 1

Levi - User Story 1 Task 1

Jerry - User Story 1 Task 2

Zachary - User Story 1 Task 2

Githika - User Story 2 Task 1

Nam - User Story 2 Task 1

Scrum Times

Team Meetings: Mondays, 9am-12pm

TA Meetings: Wednesdays 12-1pm

Scrum Board

<https://trello.com/b/TtMoO0Ht/synthura-scrum-board>

Burnup Chart

