Sprint 3 Report

Synthura

5/21/2023

Actions to Stop Doing
- Working on model optimization, as it's mostly hindered by hardware capabilities and not software
  - This will allow us to focus more time and energy on other pressing needs

Actions to Start Doing
- Increase communication among team members utilizing discord channels

Actions to Continue Doing
- Meeting together throughout the week on discord to work on user stories
  - This has been helping the team communicate more effectively and helps improve work on user stories
- Continue to utilize the Scrum Board
  - Helping to track progress on user stories

Work Completed/Not Completed

Completed:

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]

Not Completed:

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]

Work Completion Rate

- User Stories Completed: 1

- Ideal Work Hours Completed: 8

- Total Number of Days:

  - Sprint 1: 16 days

  - Sprint 2: 14 days

  - Sprint 3: 14 days

  - Total: 44 days

User Stories/Day and Work Hours/Day

  - Sprint 1: 1/8 user stories a day, 1 work hours a day

  - Sprint 2: 1/14 user stories a day, 9/7 work hours a day

  - Sprint 3: 1/14 user stories a day, 2 work hours a day

Average User Stories/Day and Work Hours/Day

- 1/10 user stories a day, 7 work hours a day

Burnup Chart