

# 1. ZenHub

You only need to include a link to Zenhub but please test the link before submitting it.

2' - Used correctly in tracking progress of Tasks, Stories, and Iterations

2' - Burned down half of estimated work in Iteration 1 (i.e., the completed User Stories constitute 1/2 of the estimated effort)

<https://app.zenhub.com/workspaces/cse-110-team-19-625e02ba59c8c4001894ec22/board>

## 2. Github Actions

Include a link to your most recent test.

Test this link before submission.

2' - At least 2 automated tests for User Stories, written and passed on GitHub Actions

2' - For the above, testing of both unit(s) and Story (minimum 1 each)

Refer to @379 for the provided MS1 User Stories.

<https://github.com/CSE-110-Spring-2022/zooseeker-cse-110-team-19/actions>

### 3. Velocity

1' - Calculate the project Velocity for the next Iteration\*

1' - Re-plan appropriately and state the plan\*

You should now have a better estimate that takes into account the course load for all team members.

velocity = hours of estimated work finished / work hours available

Work Hours Available per iteration:

5hr/person \* 6 people \* 0.5 velocity = 15 work hours available per iteration

hours of estimated work finished =

Tasks:

- Iteration 2 velocity = Est hours completed work / Planned work
- =  $(15 - 0.5 - 1.5 - 2.5) / (10 + 5) = 10.5 / 15 = 0.7$
- Reason: Worked overtime, velocity does not calculate for overtime
- 
- 10 hr for User Story one + 5 hr for User Story two = 15 hours planned
- Select Button (Task from US 2) - 2.5 hr unfinished
- Number of Animals Selected (Task from US 2) - 0.5 hr unfinished
- Numbers of Animal Displayed (Task from US 2) - 1.5 hr postponed

Next iteration hours available:

5hr/person \* 6 people \* 0.7 velocity = 21 work hours available per iteration

Est work hours to still finish

For the next iteration, we will plan to complete the remaining tasks, including the task originally planned for iteration 2 (17 hours) and the unfinished tasks from iteration 1 (3), which is 20 hours of work to finish.