

## **Sprint 1 Plan**

**Product/Team Name:** Amnis

**Sprint Completion Date:** October 21st, 2018

**Revision:** 1.0

**Revision Date:** October 10th, 2018

**Team Members:** Tejas Manjunath (Product Owner), Shridhik John (Initial SCRUM Master), Adit Bhagat, Vishal Damojipurapu, Rishab Jain, Nishith Modi

### **QUESTIONS TO CONSIDER:**

**Is priority/story points based on level of difficulty or what is more important for product, even if it is easier?**

### **Goal:**

For Sprint 1, we are aiming to build a webpage with livestream (and pre-recorded) video capabilities, as well as an interactive discussion board/forum with for students/TAs/tutors/professors to communicate through.

### **Task Listing:**

As a student, I want an livestream webcast so that I can still keep up with the in-class material even if I am unable to attend a lecture.

Task 1: Familiarize ourselves with new technologies (5 hours)

Task 2: Build a basic web page using React Js and HTML (5 hours)

Task 3: Embed youtube video (includes livestream capabilities) on the website (2 hours)

Task 4: Build a proof of concept website with dummy functionality

As a student, I want to be able to interactively communicate through a forum with other students in real time so we can both ask and answer questions pertaining to the lecture.

Task 1: Research technologies to build chat client and upvote feature (2 hours)

Task 2: Embed discussion board onto the website using MongoDB and Express (6 hours)

Task 3:

Task 4: Add upvote feature to discussion board (5 hours)

### **Team Roles:**

Vishal Damojipurapu: Developer

Nishith Modi: Developer

Tejas Manjunath: Product Owner {, Developer}

Rishab Jain: Developer

Shridhik John: Initial Scrum Master {, Developer}

Adit Bhagat: Developer

### Initial task assignment:

Vishal Damojipurapu: learn REACT and MongoDB, working on string filtration

Nishith Modi: learn REACT and MongoDB, working on Upvoting system on discussion board

Tejas Manjunath: learn REACT and MongoDB, handle main database

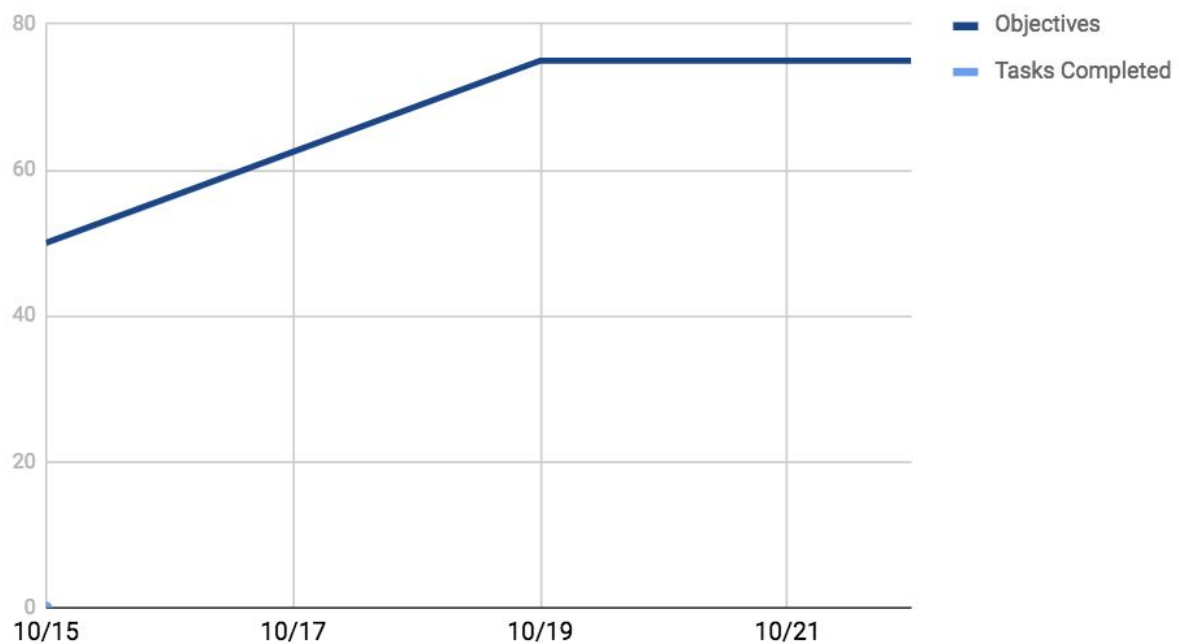
Rishab Jain: learn REACT and MongoDB, working on Upvoting system on discussion board

Shridhik John: learn REACT and MongoDB, working on string filtration

Adit Bhagat: learn REACT and MongoDB, working on website design

### Initial burnup chart:

Points scored



The metrics that this current burn up chart is measuring is the amount learned over time. Within this Sprint, our developers must completely familiarize themselves with the MERN stack to eventually build a website. The spike in Objectives is utilizing a database to create a realtime discussion board that has upvote functionality.

**Initial scrum board:**

*Will update once development begins.*

**Scrum times:** We will be meeting on Mondays at 4:00 pm, Tuesdays at 12:00 pm, and Friday at 4:00 pm for scrum meetings. We will be meeting with the TA/tutor on Tuesdays at 12:00 pm.

**Amnis release plan:**

**[https://docs.google.com/document/d/1XrHwF9kgIMprpuJxhodeP4n4WL6XzR\\_dSFyzZVPuQAw/edit](https://docs.google.com/document/d/1XrHwF9kgIMprpuJxhodeP4n4WL6XzR_dSFyzZVPuQAw/edit)**