Sprint 1 Plan, FRT, Team Name, 10/15/2022

Goal:

Research technologies required and design MVP. Host blank webpage and build basic playable python FM synth.

- ## Task Listing:
  - User Story 1: As a user I need a webpage to access this software tool (28)
    - SPIKE: Learn procedures to build webpage and host on personal website (10)
    - TASK: integrate frontend and backend (5)
    - TASK: Implement a keyboard input streaming echoing to webpage (5)
    - TASK: Display keyboard input as actuated (5)
    - VERIFY: Ensure only single key is represented at once (3)

  - User Story 2: As a user I need to Perform FM synthesis using keyboard input (20)
    - SPIKE: Determine method of FM synthesis in python (7)
    - TASK: Initialize a synthesizer and produce a test tone (3)
    - TASK: Poll keyboard input for pitch selection to make synth playable (7)
    - VERIFY: Ensure monophonic synthesis (3)

- ## Team Roles
  - Dylan Sutro: Project Owner,
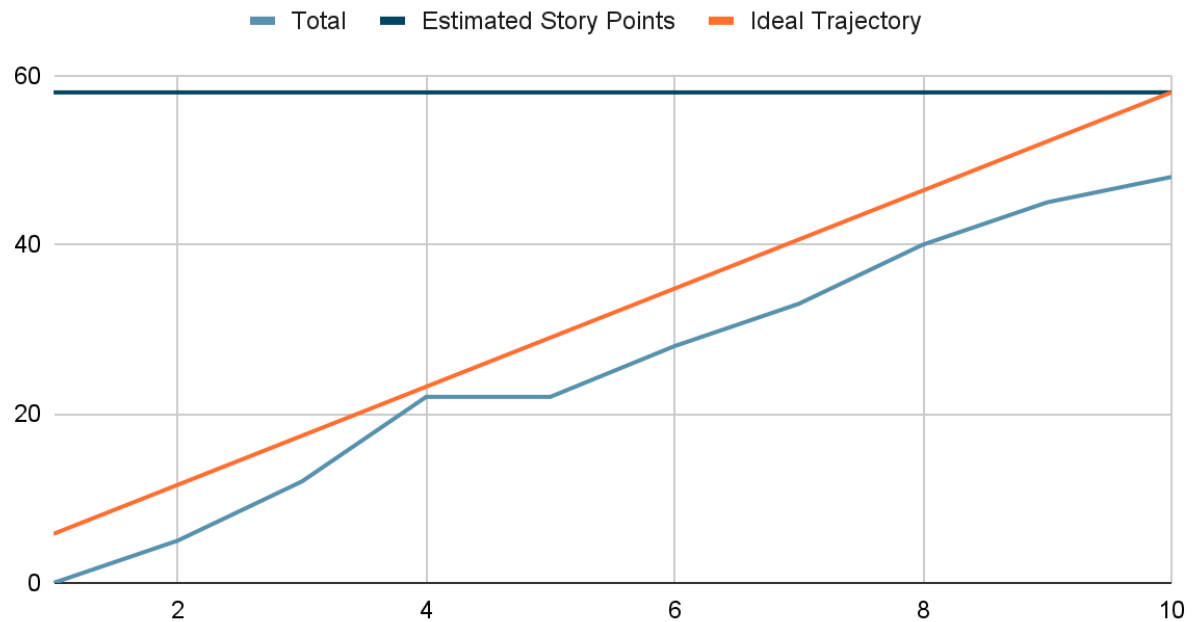 - Anthony White: Scrum Master,

- ○ Radhika Gadre : back-end developer, {front-end, web UI design}
- ○ Deva Empranthiri : web UI design, {front-end developer, python developer}
- ○ Gary Finco: front-end developer, {web UI design, python developer}

● Initial Task Assignment

- ○ Dylan Sutro: SPIKE: Determine method of FM synthesis in python
- ○ Anthony White: Learn procedures to build webpage and host on personal website
- ○ Radhika Gadre : Determine method of FM synthesis in python
- ○ Deva Empranthiri : Learn procedures to build webpage and host on personal website
- ○ Gary Finco: Learn procedures to build webpage and host on personal website

● Initial Burnup Chart

Sprint 1: Story Points vs Days

- ## Initial Scrum Board
  - All tasks are not started

- ## Scrum times
  - Mondays: 1:00 PM
  - Wednesdays: 1:30 PM
  - Fridays: 1:30 PM