<u>Sprint 1Plan</u>
Project Name: GhostEchoes
Team Name: A^3
Sprint Completion Date: 5/8/17
Revision Number: v1.0
Revision Date: 4/21/17

<u>Team Members</u>
- Adrian: Developer
- Alex: Lead Developer, Scrum Master
- Alice: Developer, Project Owner

<u>Scrum Times</u>
- Tuesday: 7 PM (E2-381)
- Friday: 6:30 PM (E2-381)
- Saturday: 1 PM (E2-381)

<u>High Level Goals</u>
- Setup and configure the server
- Get data retrieval to and from the backend working

<u>User Stories</u>
1) As a developer, I want to create an architecture layout so that I have a basic understanding of the project's design and data exchange actions. (13 user story points)
   - Brainstorm project design and data exchange actions (2 ideal hours)
   - Start LucidChart diagram to represent data exchange actions between the frontend and backend (1 ideal hour)
2) As a developer, I want to properly set up the backend for my project so that I can test data exchanges and retrievals. (13 user story points)
   - Create the database framework (3 ideal hours)
   - Configure the backend (5 ideal hours)
   - Input temporary data (1 ideal hour)
   - Ensure that data storage works (2 ideal hours)
   - Ensure that push and pull requests work (2 ideal hours)
3) As a developer, I want to properly set up the frontend for my project so that I can see whether or not I am properly communicating with the backend. (8 user story points)
   - Create temporary XML design (1 ideal hours)
   - Ensure push and pull requests work (2 ideal hours)
   - Determine UI data flow (3 ideal hours)
   - Create final XML design (2 ideal hours)
4) As a developer, I want a single source of storage so that I know where all of the data exchanges and retrievals are going to. (8 user story points)

- Setup a dedicated server to contain all information associated with the application (5 ideal hours)
- Create a function to test data connection between the frontend and backend (3 ideal hours)

Total Statistics
- 4 user stories
- 40 ideal hours

Initial Burnup Chart