# Team 36: Project Charter CS 307

## Team Members:

Adil Bozai, Hadeed Noshab, Taimoor Javed, Samuel Jacob Chippas, Samuel Edward Deutsch

## Problem Statement:

A web application that would provide different writers, with creative imaginations, a platform to construct a single crowd-sourced story. It would let a single user initialize a story with only a few words and let other users add their creative parts to it. The parts from other users would be chosen based on a rating system. While there are other platforms for writers such as reddit, but none of them, specifically, integrate the ability to form a crowd-sourced story and none of them incorporate a proper ranking system.

## Project Objectives:

- Build a website for different writers to collaborate and construct a single crowd-sourced story
- Create user profiles for contributing parts to different stories and display them on a user-friendly web-page
- Develop a ranking-based system to select, out of various submissions, the best user-rated contribution to a certain story
- User-friendly homepage showcasing featured stories
- Build a system that would calculate each user's rating based on their contributions' ratings
- Develop a feature to collaborate privately with specific users to construct a private story

## Stakeholders:

**Project Owners:** Adil Bozai, Hadeed Noshab, Taimoor Javed, Samuel Jacob Chippas, Samuel Edward Deutsch

**Developers:** Adil Bozai, Hadeed Noshab, Taimoor Javed, Samuel Jacob Chippas, Samuel Edward Deutsch

**Users:** Short-story writers who want to collaborate with writers to construct a single story

**Project Coordinator(Manager):** Tara Williams

## Project Deliverables:

**Frontend:**
- Account creation and login services using React and Javascript
- An interface for creating new stories using React and Javascript
- An interface for creating potential expansion parts upon existing stories using React and Javascript
- A system for viewing stories in their entirety and their potential expansions using React and Javascript
- A system for ranking which expansion will become the next permanent part of a story.
- A system for rating stories as a whole.

**Backend:**
- A SQL database for user credentials.
- A SQL database for stories.
- A SQL database for potential expansions parts for stories.
- A SQL database for story and parts ratings.
- A web server for serving HTML5 web pages.
- A server side PHP scripting for receiving webforms from authenticated user's forms.