1. Team Roles

Customer

Dr. Beverly Irby   Dr. Matthew Etchells

Product Owner   Scrum Master

Andres Santiago   Minseo Park

Developers

Yi-Ting Lee   Minseo Park

Andreas Santiago   Jacob Mathes

Brandon Nguyen   Jacob Valdiviez

Chengyuan Qian

2. Project Summary

This project is the start of a journey to bring the Synergistic Leadership Theory, a modern take of leadership theory, into a practical and interactive web application. The mission is to develop a platform that not only educates on the theory but also allows users to access leadership effectiveness through The Organization and Leadership Effectiveness Inventory (OLEI).

Stakeholders include Drs. Beverly Irby and Matthew Etchells, alongside a team of students committed to transcending traditional, male-dominant leadership paradigms. The platform will feature an animated, interactive tetrahedral model representing the theory's core factors: Leadership Behaviors, Organizational Structure, External Forces, and Attitudes, Values, and Beliefs. This tool will facilitate a deeper understanding of leadership dynamics but also generate personalized leadership style analysis.

3. User Stories

- UML Documentation & Model Rework
    [As a] developer,
    [So that] we can ensure that our application's architecture is clearly understood and maintainable,
    [I want to] have a set of UML diagrams that accurately represent the system's current functionalities and planned features.

[I want to] access a comprehensive UML documentation that includes models of the system's architecture, data flow, and interaction between components.

- Feature 8: Query Survey Information
    [As a] Employer/Researcher
    [So that] we see the survey results related to the candidate,
    [I want to] query all survey results related to the candidate using the unique case number.

- Feature 9: Raw Survey Results
    [As a] employer/researcher,
    [So that] I can clearly see the answers to each question in a survey,
    [I want to] see the raw results of a survey with each section in a separate box.

- Feature 10: Explanation For Each Question
    [As a] employer/researcher,
    [So that] I can understand the implications of each survey question,
    [I want to] see an explanation of each survey question on the survey result page.

- Feature 13: Survey Invitation
    [As a] candidate,
    [So that] I can have other people fill in the survey on my leadership style,
    [I want to] send invitations to other people with my unique case number.

4. Sprint Backlog

- UML Documentation & Model Rework
    Points: None (Chore)
    Assigned To: Minseo Park Brandon Nguyen Jacob Mathes
    [As a] developer,
    [So that] we can ensure that our application's architecture is clearly understood and maintainable,
    [I want to] have a set of UML diagrams that accurately represent the system's current functionalities and planned features.
    [I want to] access a comprehensive UML documentation that includes models of the system's architecture, data flow, and interaction between components.

- Feature 8: Query Survey Information
    Points: 3
    Assigned To: Andres Santiago Jacob Mathes
    [As a] Employer/Researcher
    [So that] we see the survey results related to the candidate,

[I want to] query all survey results related to the candidate using the unique case number.

- Feature 9: Raw Survey Results
    Points: 3
    Assigned To: Yi-Ting Lee   Brandon Nguyen
    [As a] employer/researcher,
    [So that] I can clearly see the answers to each question in a survey,
    [I want to] see the raw results of a survey with each section in a separate box.

- Feature 10: Explanation For Each Question
    Points: 2
    Assigned To: Andres Santiago   Chengyuan Qian
    [As a] employer/researcher,
    [So that] I can understand the implications of each survey question,

- Feature 13: Survey Invitation
    Points: 2
    Assigned To: Jacob Valdiviez   Minseo Park
    [As a] candidate,
    [So that] I can have other people fill in the survey on my leadership style,
    [I want to] send invitations to other people with my unique case number.
    [I want to] see an explanation of each survey question on the survey result page.

Sprint 2 Goal: The goal of this sprint is to establish and execute user stories necessary for implementing the minimum functionalities required by the client in the final deliverable, based on the groundwork prepared in the last sprint.

> The data schema is acting as a roadblock for the rest of the stories. The Scrum Master needs to gather the team members' opinions to define a data schema that can fully support the functionalities required by the stories given in this sprint and come up with a working and flexible strategy.

> This sprint marks the phase where we delve into actual development, so to prevent wasting work hours or energy due to communication mishaps, it's imperative that the Product Owner and Scrum Master engage in very close communication with the client.

5. Links

GitHub	https://github.com/tamu-edu-students/csce606-ELRC-Synergistic-Leadership-Theory
Pivotal Tracker	https://www.pivotaltracker.com/n/projects/2690137
Slack	https://app.slack.com/client/T06GRHECJEM/C06GY2R74KX
Live Deployment	https://elrc-app-dfcfc7cd862b.herokuapp.com/