

Deliverable 1 Submission — [Gold]

1. Team Reflection

1.1 How do you see your progress so far?

We made substantial progress as a team by completing all required diagrams, discussing system structure and design decisions collaboratively, and preparing a detailed PDF submission. Our efforts were focused and well-aligned with the deliverable requirements.

1.2 What went well?

Communication and collaboration went well — we had multiple team members already working on drafts of the diagrams, and we were able to build on those quickly. Reviewing designs together in real time allowed us to spot issues and refine models effectively.

1.3 What can you improve on for the next deliverable?

We can improve time management and early task delegation. Some tasks were done close to the deadline. More asynchronous updates between meetings may help keep the momentum going.

1.4 Did you have any problems?

The biggest challenge was finalizing the structure of official vs unofficial races and where certain logic (like license validation) should live. We resolved this through a detailed group discussion. One group member, Troy, was unavailable for the first working session but communicated beforehand and planned to review the work afterward.

1.5 Plan for the next deliverable:

Enhance the use case and domain models based on feedback, and begin the Activity Diagram. Also, initiate discussion of UI design sketches and implement class model skeleton.

1.6 Screencast Link (2–3 mins):

<https://youtu.be/nFQd0pAekAo>

2. Individual Reflection

Member: [Jacob Gillow](#)

What I worked on:

- PDF deliverable
- Keeping meeting minutes
- Reviewing all diagrams with the team over a video call. Helping build via video as needed.

How I helped the team:

- Directed the flow of the team call and planned out meetings for the next week

Member: [Braxton Chatman](#)

What I worked on:

- Communicated my thoughts on approaches for the models and incorporated suggestions
- Added to meeting minutes

How I helped the team:

- Shared drafts of domain class model, use case model, and a sequence diagram

Member: [Christian J. Gonzalez](#)

What I worked on:

I drafted the initial versions of both the domain model and the use case diagrams, laying the groundwork for our project. Throughout the process, I actively participated in design reviews and collaborated with the team on updates, which helped us maintain alignment and improve our approach. Additionally, I took the initiative to refine the entity relationships, ultimately enhancing the clarity of the model we were developing.

How I helped the team:

I provided foundational templates for diagrams, which helped streamline our project workflow. Throughout the team working sessions, I actively contributed feedback and suggested changes to improve our processes. Additionally, I took the initiative to organize the due outs and created checklists to monitor our deliverables effectively.³

Member: [Troy May](#)

What I worked on:

- I was unavailable for the first meeting but provided a detailed document showcasing what is required for each of the necessary diagrams for deliverable 1. In this document, I highlighted great slide examples from lectures that pinpointed precisely what was expected for each deliverable. I also included some key points on what should be in the deliverable and what should not be included. I also reviewed what was completed in the first meeting. The team did a phenomenal job on the draft.

How I helped the team:

- I helped the team by creating a streamlined document for easy access during the first meeting.

Member: [Jesus Vega](#)

What I worked on:

- Reviewing all diagrams with the team over a video call.
- Added some notes during our first video call.
- Got familiar with all files, trello, etc.

How I helped the team:

- Helped where I could when building the diagrams on the video call but I was unable to attend the second meeting due to a family issue. I hope to contribute more in the coming weeks.

Meeting Overview

Meeting 1:

Date: 3/30/2025

Start - 12:00 PM AZT

End - 2:15 PM AZT

Attendees:

- Jacob Gillow
- Jesus Vega
- Braxton Chatman
- Christian Gonzalez Vargas

Absent:

- Troy May will review our work afterward and provide feedback. Communicated to the team ahead of time.

Summary/Minutes:

- We met and began work on the Domain Class Diagram, Use Case Model, and 3 Sequence Diagram showing register, signUpForRace, and provideReview.
- Some groupmates (Braxton and Christian) already had some fantastic templates started for the diagrams needed. We sat down as a team and reviewed them, adding where needed.
- Began work on the pdf deliverable.
- Discussed multiplicities between Stage and Race class in the diagram.
- Noted official attribute in RacerEntry (stating whether Racer signed up as official or unofficial) and questioned the structure of official vs unofficial races.
- Added User superclass to domain class model and added association between Racer and Review classes.
- Login/Register use case updated to be <<included>> by other use cases.
- Added DataEntryClerk class and actor to models.
- Changed association between License and Racer to composition.

Meeting 2:

Date: 4/4/25

Attendees:

- Troy May
- Jacob Gillow
- Christian Gonzalez Vargas

Absent:

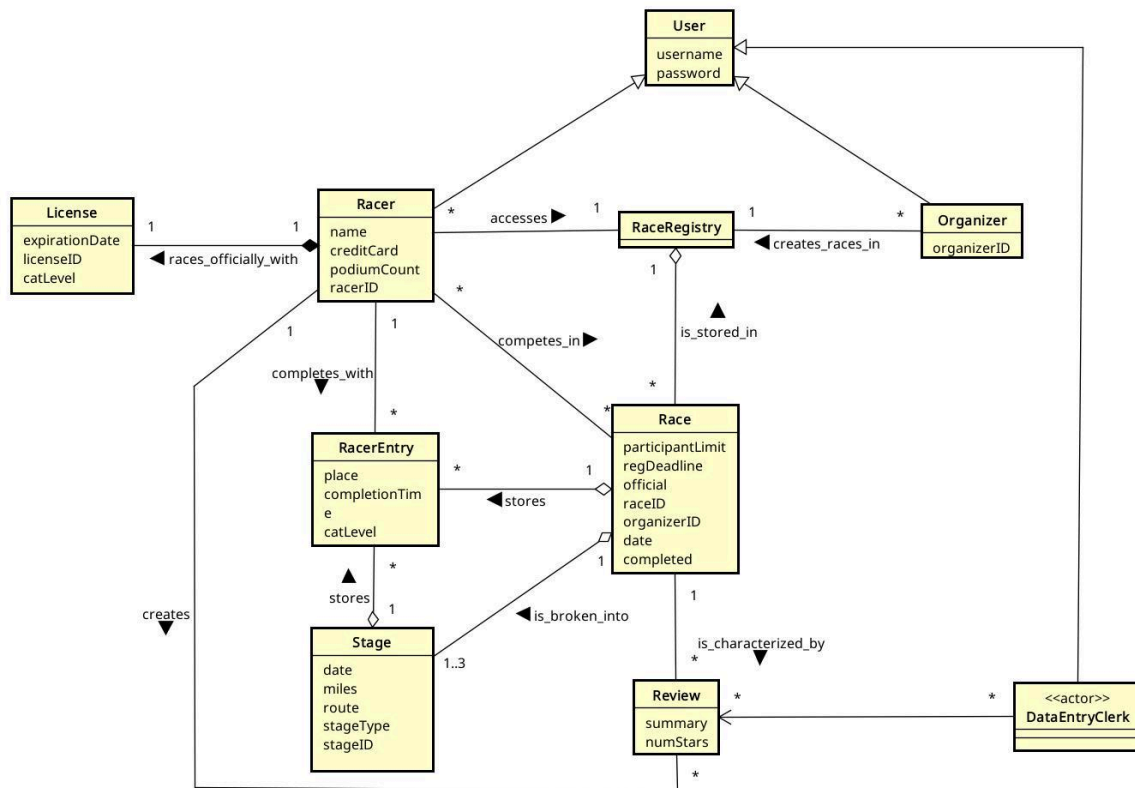
- Jesus Vega had a personal thing come up, communicated to the group ahead of time
- Braxton Chatman had a personal thing ahead of time. This was communicated to the group ahead of time

Summary/Minutes:

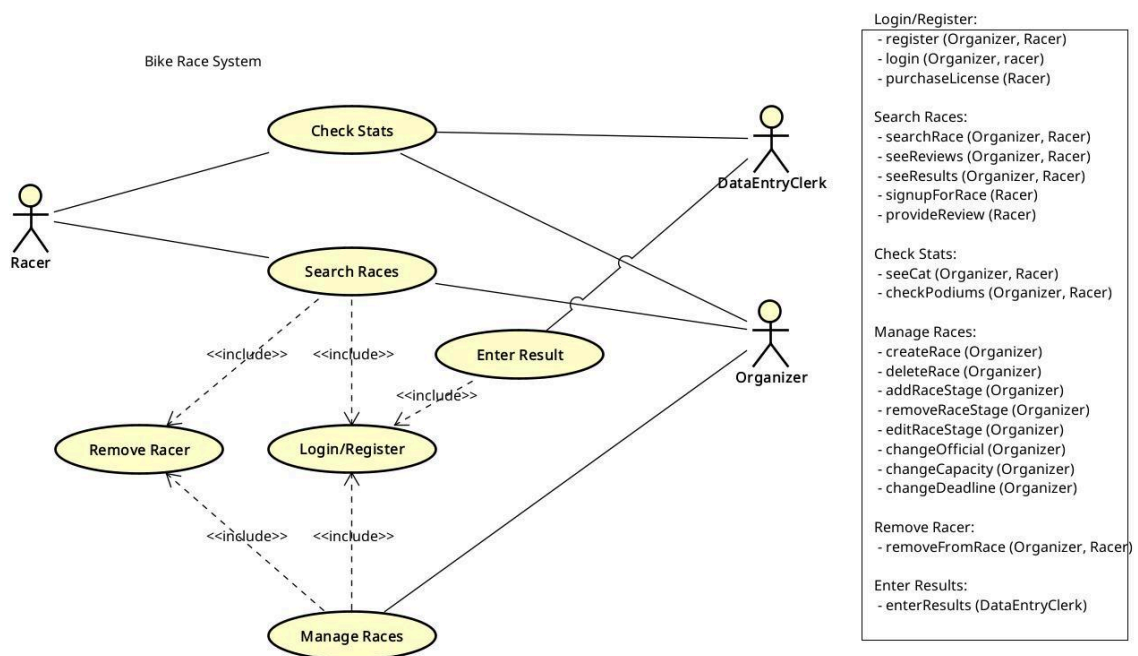
- We met and finalized the submission for Deliverable 1
- Added UML diagrams to the delivery document
- Recorded a quick screencast to summarize where we are and what we have done.
- Troy edited our youtube video and generated the link.
- Lightly planned for the coming meeting.

4. UML Diagrams

4.1 Domain Class Model

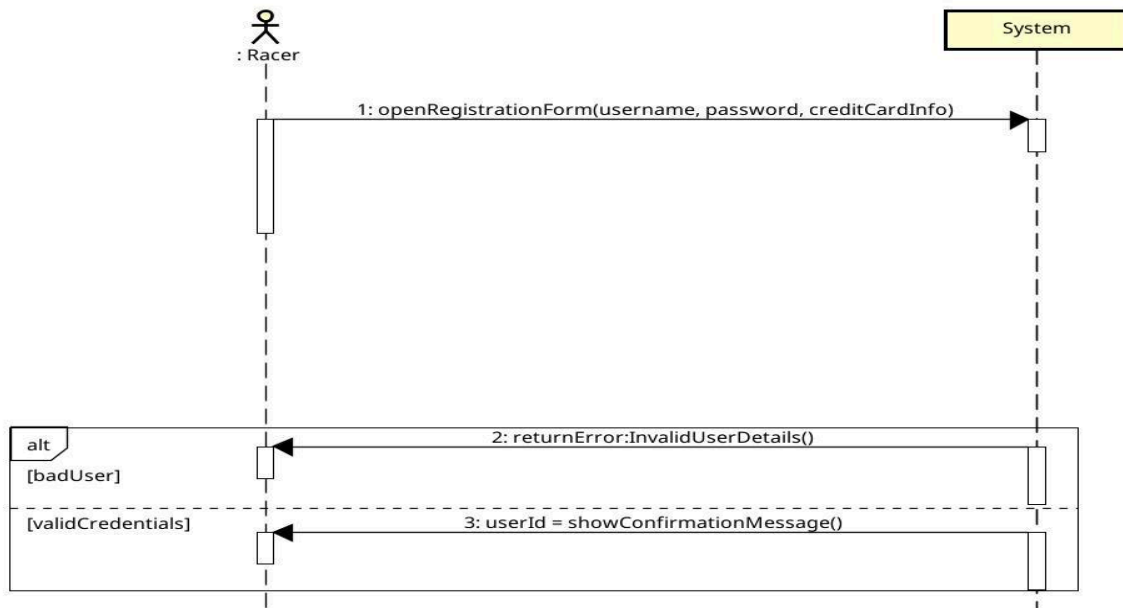


4.2 Use Case Model

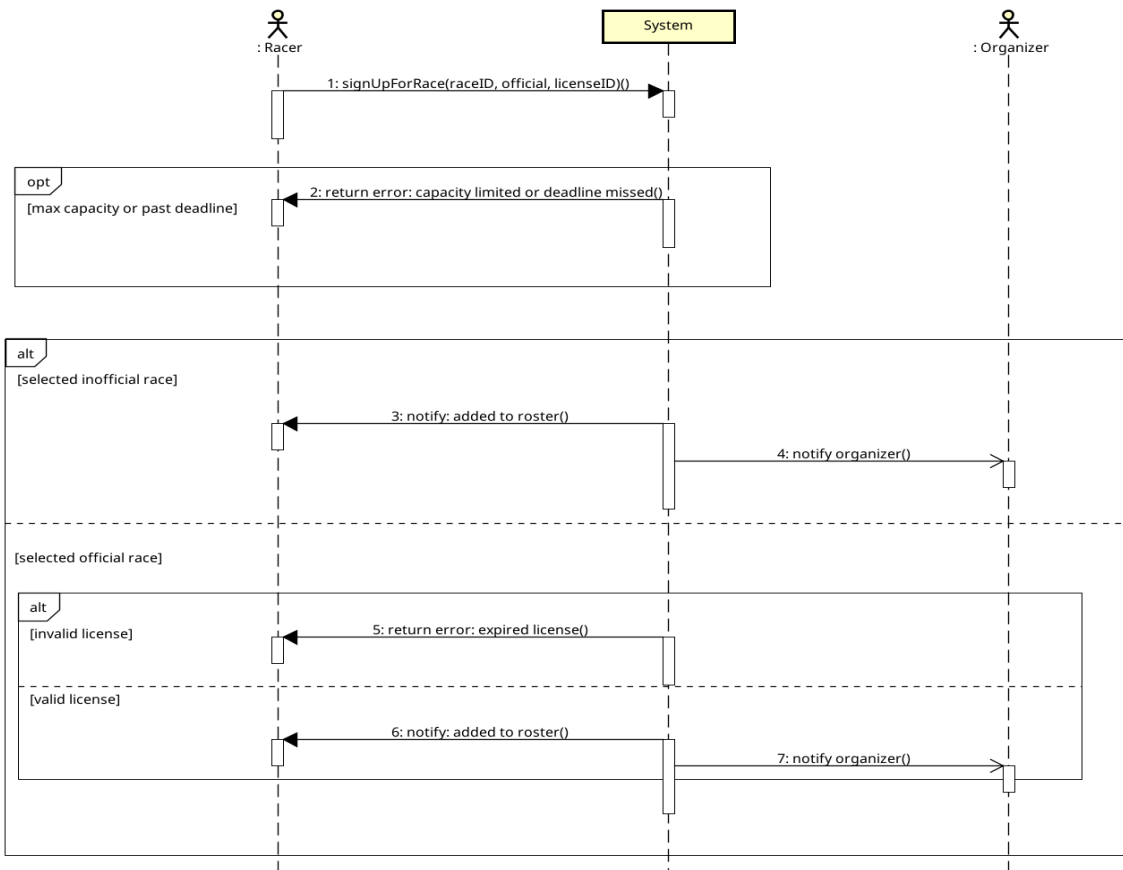


4.3 Sequence Diagrams

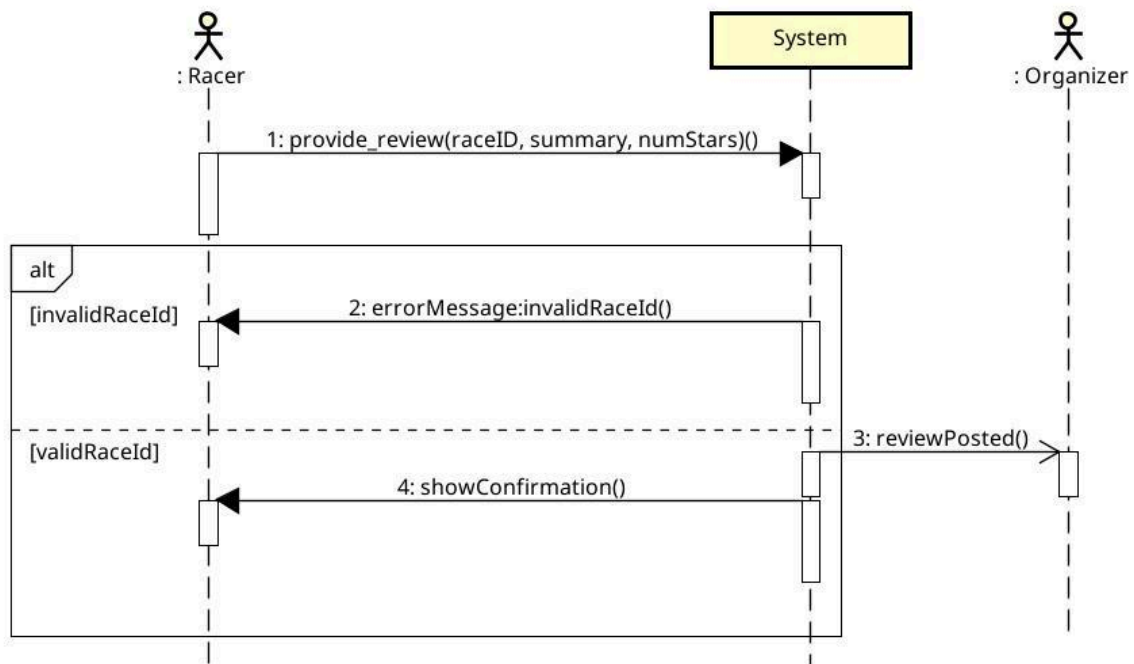
Sequence Diagram: Register (Customer/Racer)



Sequence Diagram: Sign Up For Race (Customer/Racer)



Sequence Diagram: Provide Review (Customer/Racer)



5. Review Section

This section is not required for Deliverable 1 and can be left blank.