Reviewer Name: Eyad Ghanem Team Reviewed: Iron

**- Does the design model (all diagrams) use the correct syntax? List what you think is wrong and suggest how to improve things.**

* The **use-case diagrams** follow the standard **UML syntax**
* The **class diagrams** are well-structured, but they are missing **some definitions** such as race validation and payment handling.
* **Sequence diagrams** are good but I think **error handling paths** for failed registration or invalid licenses could be more detailed.
* **Activity diagrams** provide a logical workflow from my point of view but I think Display license invalid should have a final node as that does not continue on.

**- Does the design model use the correct level of abstraction? If so, why? If not, where do you think the group could improve their design?**

The models **maintain a strong balance of abstraction**, but the **"Manage Account" use case** combines multiple processes (profile update, payment, license renewal). I think splitting it into **smaller, well-defined use cases** would improve clarity.

**- Are the diagrams consistent and form one design model?**

The overall design is **highly consistent**, with **logical transitions between different models**. However,I noticed the following:

* **Notifications and alerts** are mentioned in use-case specifications but **not in the class diagrams**.
* **Moderation for race feedback** exists in use cases but not **in the class diagram**

**- Does the design model (all diagrams together) fulfill the requirements from what was required for Deliverable 1/3? What requirements might be missing or wrong?**

* The **core functionalities** are well represented

**- Based on the above, make suggestions on how to improve the overall design.**

The overall design is excellent to me. But if we want to refine the design further, we can:

* Introduce **explicit validation methods** for racer eligibility within the Race and License classes.
* Expand RaceManager functionalities to include **race modification and cancellation workflows**.
* **Alternative registration paths** for racers who fail eligibility checks would improve usability.

**- Does the Deliverable document contain all the information needed (based on the kickoff document)?**

Yes, the deliverable document contain all information needed from my point of view.

**- Your opinion about the design:**

Iron team race management system is **well-structured, highly detailed, and logically designed**. The diagrams clearly illustrate system interactions, with **strong adherence to UML principles**.

**- Did you see anything in the design that might be valuable for your own team’s design?**

I like the personalized personas