**GDP – I SUMMER 2023**

**PROJECT MILESTONE**

Milestone is a self-contained document that contains all the information relevant to your project, including the following.

**1.** A cover page should contain the following: 2pts

a. course title

b. project title

c. client’s name and institution/corporation

d. team-member names

**2.** Problem Statements of the project. In other words, the purpose of the project, what it is for and who will be using it. 3pts (Bindusree Penamalli & Neelima Chundru)

**Purpose of the Project:**

The Intercollegiate Horse Show Association (IHSA) web application project's goal is to give the association a thorough and effective platform for planning and conducting horse exhibitions. The initiative seeks to address the unique requirements and difficulties that IHSA faces in their show management procedures.

**What is it for:**

The following parties will utilize the web application most frequently:

**Administrative Personnel:** The web application will be used by the IHSA administrative staff to streamline the zone re-sectioning procedure. To change the zones and make sure that schools in region 5 are distributed fairly based on the number of riders in current programs, they will have restricted editing rights. Maps and other visual representations will aid the administrative team's knowledge and decision-making.

The web application will be beneficial to those who participate in IHSA shows since it will ensure fair and structured competition. They will be able to track their own points, see which horses are qualified for which events depending on their points, and see the rider and horse placement for each class.

**Coaches and Administrators:** To oversee and take part in horse shows, coaches and administrators connected to the IHSA will have access to the web application. They'll adjust class placement using features like the show randomizer, keep tabs on rider and horse points, and guarantee proper promotions to the next level based on accumulated points. To establish whether horses are appropriate for particular classes and the accompanying height and weight constraints for riders and horses, they will also make use of the eligibility elements.

**Hosts:** Show hosts will utilize the online application to manage the horse shows' logistics and daily operations. Show hosts may be connected to schools or other outside groups. For each level of competition, they will have access to tools like uploading and choosing riding patterns, as well as integrating with photographers' external files to make event photographs available to participants.

**Users (Horses and Riders):** The web application will aid riders competing in IHSA shows by ensuring a fair and well-organized competition. They will be able to track their own points, see the rider and horse placement for each class, and understand which horses, based on their skills and traits, are qualified for which courses.

**Who will be using the project:**

Overall, the web program will act as a centralized platform for IHSA stakeholders, allowing for the management of horse shows to be more streamlined and effective, improving competition fairness, and offering useful tools and features to help show administration.

**3**. List of the functional requirements as follows: 2pts

* Each requirement has the following format.
* **ID:** FR#4
* **Title:** download mobile application
* **Description**: a user should be able to download the mobile application on the mobile phone. The application should be free to download.
* **Priorities**: (1,2,3) 1 is highest.
* **Dependency: FR**#2, FR#3(could be none). For example (FR#4 depends on FR#2 and FR#3).

**4.** user interfaces. 3pts

**5.** Non-functional Requirements. 1pt

Performance: To offer a seamless user experience and responsiveness, the system should be able to handle a high number of concurrent users and process data fast. Information should load and update with the least amount of latency possible.

**6.** Divide the project into components and draw the corresponding UML diagrams. 10pts

**7.** Technology that will be used and why.? 4pts

**8.** Gantt chart. 3pts

**9**.Project Git-Hub Link. 2pts

A rubric for grading purpose has been created based on the above requirements.