**Horse-Kart Game App**

This application is to create a RESTful service for a horse racing

The game have the following rules:

* Each horse has a basic speed of 10 in the first loop.
* Each loop is 1000 meters
* At the end of 1st loop the horse can increase or decrease its speed. So if it’s decreasing it can go maximum value as -10.
* We are using Time=Distance/Speed formula to calculate ranking.
* The output is to show 3 horse details with their corresponding position who took less time in the race

**Requirements:** Java 8, Spring Tool Suite, Postman

**Technologies Used:**

**Java8, Springboot, Maven, Rest Webservices, Embed Tomcat, slf4j**

**Tool Used:** Spring Tool Suite 3.9.5

**How to Install the Project**

1. Download the project from https://github.com/divyavarghs13/HarryKart.git
2. Extract the folder into the desired workspace. Import the project to IDE as Existing Maven project. I have used SpringToolSuite.
3. Run the application. Maven dependencies will be downloaded automatically.
4. Please open Postman and give the url as <http://localhost:8080/api/play>.
5. Also make the input type as xml in Postman and give the xml file here as input.
6. The output will be shown as json output in Postman.