|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Define Project Objectives** | 1 Week |  |  |  |  |  |  |  |  |  |  |  |
| **Conduct Market Research** |  | 1 Week |
| **Set Up IoT Hardware and Initial Data Collection** |  | 1 Week |
| **Develop Detailed Wireframes and Initial Web UI Design** |  | 1 Week |
| **Complete UI/UX Design for Web Application** |  | 1 Week |
| **Backend Setup for Data Management and User Authentication** |  | 1 Week |
| **Implement Frontend for Data Visualization and User Profiles** |  | 1 Week |
| **Train ML Model for Shot Accuracy Prediction** |  | 1 Week |
| **Integrate ML Model with IoT Data and Web Frontend** |  | 1 Week |
| **Test Core Features, Fix Bugs, Refine UI Elements** |  | 1 Week |
| **Conduct User Testing** |  | 1 Week |
| **Final Adjustments, Documentation, and Launch Preparation** |  | 1 Week |
| **Timeline**  **(Weeks)** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |