**Deliverable-1**

1. **Project Title : INDORE SPORTS**

**Group name : Team 9**

**Group Members:**

Yamini malikireddy

Anupama Bandoju

Venkata sai vishnu vardhan red tallapureddy

Kalyan kumar sandireddy

Saranya madala

Navya Eeshani boyapati

Jahnavi chowdary batta

Nandini siddireddygari

Shashank reddy gaddam

1. Project description:

**“USER”**

This project is designing a website for the company who is having a sports accadamy in different locations .when we open a website ,looks like user and admin registration.for user when it is new user for this site it ask for the sign up if they are reffered by some one while sign up it gives an option like refferel then user can can sign up accordingly.if they are existing user they simply can login to website after login they can see banner with home screen in that banner user can see all these options like location, profile, ratings, myslot, sports, equpimnent, rentals. When it comes to location their will be dropdown to select the location.In profile user can edit profile like change password and can have refferel points and can logout. In ratings user can give ratings out of 5.In my sloat they can see the history and rentals and can see the calendar view at what time they book the sloat.In sports they can see list of sports available in the particular location like batminton, table tennis ,circket, throwball, basket ball,volleyball. User can take membership subscription and finally they can check out and make payment.

**“ADMIN”**

When it comes to admin part. Admin can register or login to admin dashboard .In the banner page admin can view profile, location, sports, ratings review, rentals, payment management .In sports admin can see the booking and calendar at what time slots was booked and calendar management. For rentals admin can check the availability of equipment and update it. If it is walkin registration for user can be manage by admin.

**Languages :**

Front-end:HTML,CSS,Java Script

Backend:Django,MySql

Platforms:Visual studio platform used for developing project.

1. **Milestones :**

A graph with blue squares

Description automatically generated

The Gantt chart above illustrates the key milestones of this project, including the timeline for the major phases. The project will begin with the requirements phase on January 21, where all the information is to be gathered and analyzed. This is followed by the design phase from February 1 to February 4, where the structural and architectural framework of the project is planned. The development falls from February 4 to March 30, incorporating core implementation and system integration and coding. Quality assurance and testing in the final stage will begin from April 10 to April 20 and the documentation process, which ends with project reports, user manuals, and related documents, would fall between 25th - 29th of April. This ensures continuous progress and keeps the project timeline intact.

1. ⁠**Risk Management:**

Following are some of the potential risks and their mitigation strategies that will help in maintaining stability and security in the system:

* 1. **Server Downtime**: The system crashes due to a large number of users accessing it simultaneously. This can be avoided by using cloud hosting that can scale up or down automatically.
  2. **Security Issues**: Vulnerability to SQL Injection, Cross-Site Scripting, and unauthorized access may also present a hazard. Strong authentication, data validation, and keeping software up-to-date with regular security updates help the system protect itself.
  3. **Payment Frauds**: Financial loss due to a transaction that failed/fake in nature. Adopting trusted gateways like Stripe means secured payment is ensured.
     1. **Double Booking**: If two users book the same slot at the same time, then there is a chance of conflicts arising. The chance of such events can be reduced by the usage of transaction locks and updating availability in real time.
     2. **Low User Adoption**: Growth will be very slow if users don't engage with the app. Marketing campaigns and partnerships with venue owners will drive more users.

When one member leaves the team, this may cause some problems. Here's how to manage them:

* 1. **Loss of Skills**: Every member specializes in either frontend, backend, or databases. If one leaves, then it may slow down the development process. Knowledge sharing, documentation, and frequent code reviews may help others take over.
  2. **Increased Workload**: With fewer team members, the workload of the remaining members increases. Task tracking and agile methods will help in managing the workload effectively.
  3. **Project Delays:** The loss of a team member may slow progress and delay deadlines. Adding buffer time and regularly tracking progress will help in early detection and fixing of delays.
  4. **Lack of Documentation**: A team player may leave before they are able to document their job and, in turn, develop problems for those coming after. Employing standard documentation and revision control-for example Git-will let all work be accessible.
  5. **Depressing Team**: In case of the loss of a member in a team, the morale sometimes goes down; therefore, teamwork, communications, and appreciations shall be maintained to motivate them.
  6. **Unmet Client/Professor Expectations**: Due to a small team, the project will not be able to realize all of its features. If necessary, plan for the core functionalities and eliminate less important features.

The early identification of risks and planning for them gets the project on track to smoothly overcome the challenges.

1. Team Members and roles for the project:

|  |  |
| --- | --- |
| Project Management Lead/developer | Yamini Malikireddy |
| Requirements Lead/developer | Anupama Bandoju |
| Design Lead/developer | Nandini siddireddygari |
| Implementation Lead for front end/developer | Saranya Madala |
| Implementation Lead for back end/developer | Venkata sai Vishnu Vardhan red tallapureddy |
| Configuration Management Lead/developer | Jahnavi Chowdary batta |
| Testing Lead/developer | Shashank reddy gaddam |
| Documentation Lead/developer | Anupama bandoju |
| Demo and presentation Lead/developer | Navya eeshani boyapati |
| System Administrator Lead/developer | Kalyan Kumar sandireddy |

1. Member contribution table (should describe who wrote what parts of the report).  
   Add more rows as needed.

|  |  |  |  |
| --- | --- | --- | --- |
| Member name | Contribution description | Overall Contribution (%) | Note (if applicable) |
| Yamini Malikireddy | Project description | 11.1% |  |
| Anupama Bandoju | Risk managment | 11.1% |  |
| Venkata Sai Vishnu Vardhan red Tallapureddy | README file of project directory | 11.1% |  |
| Kalyan Kumar Sandireddy | Directory structure for project source code | 11.1% |  |
| Saranya Madala | Gantt chart | 11.1% |  |
| Navya Eeshani Boyapati | Demo on PPT | 11.1% |  |
| Jahnavi Chowdary Batta | Power point presentation | 11.1% |  |
| Shashank Reddy Gaddam | Riskmangment & ppt | 11.1% |  |
| Nandini Siddireddygari | Demo & Title name | 11.1% |  |