UTSAV

Feasibility Study

Introduction

The feasibility study of any system is mainly intended to study and analyze the proposed system and to decide whether the system under consideration will be viable or not after implementation.

Different types of feasibility study and the way we performed on our project are:

1. **Technical Level**

   Since, this project is a technical project, feasibility at technical level is one of the most important factors of the feasibility study. The technologies, which we are using in this projects like HTML, CSS, JavaScript, php, C#.NET and mariaDB. Tools we are using for this project are Visual Studio Code, MySQL server (mariaDB), and Visual Studio (Community Edition). These tools are easily available and can be used without any difficulties in setup. These tools are enough to display outputs in the required time.

2. **Economical level**

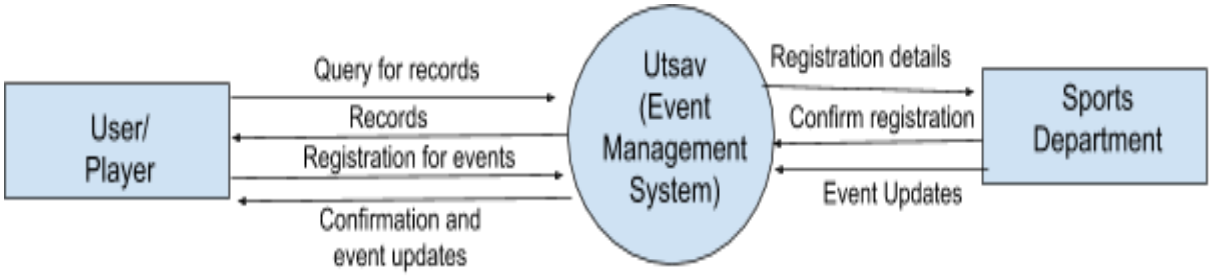
   Economically, this project is very feasible as it is being developed at a very low cost. The main reason behind its low cost is that we are mostly using open source tools to develop it. The Operating System that we are using for storing the database is Linux. The database tool we are using is mariaDB, which is open source. Visual Studio Code, which we are using for code editing for front-end is also an open source tool from Microsoft. The client will have to bear some cost for the domain.

3. **Operational level**

   At operational level, this project will provide a very easy to use interface for users as well as hassle free setup for the client. No major training will be required for the user or the client. This project will save much time and physical resources like stationery items for both client and users. It will provide all the benefits of the present system as well as improved information about records, better management for events and collection of event records.

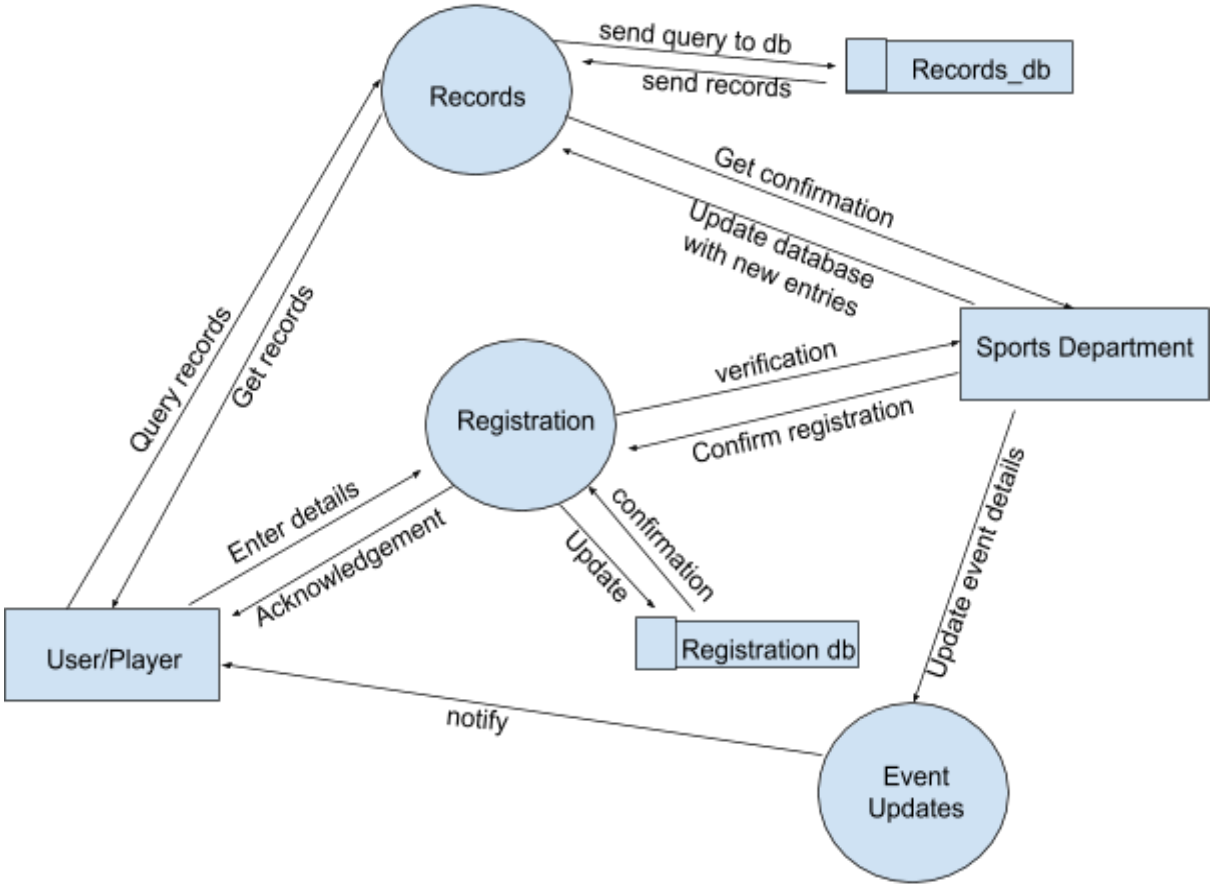
DFD (Data Flow Diagram)

Level 0:



Level 0 DFD for Utsav (An event management system)

Level 1:



Level 1 DFD for Utsav (An event management system)

ERD (Entity Relationship Diagram)