Introduction:

The goal of this assignment is to accomplish the detailed architectural design and phased product delivery plan for our system, before we implement our ideas in code. We have been fixed a name for this document is the System Design Specification (SDS), although in our case, we are augmenting the design with planning components

Documentation plan:

We are going to deliver through this document the Software Design Specification according to our plan of the project.

Design document:

In our document part we have two sections- one is the System Architecture and one is Process.

The System architecture:

After launching this application, it will show the all club's name of our school. Like-

- ✓ Soccer
- ✓ Basketball
- ✓ Cricket
- ✓ Badminton
- ✓ Chess

Then if students want know about any of these club then they have to click on the name of that club. After clicking the club name, students will get the information.

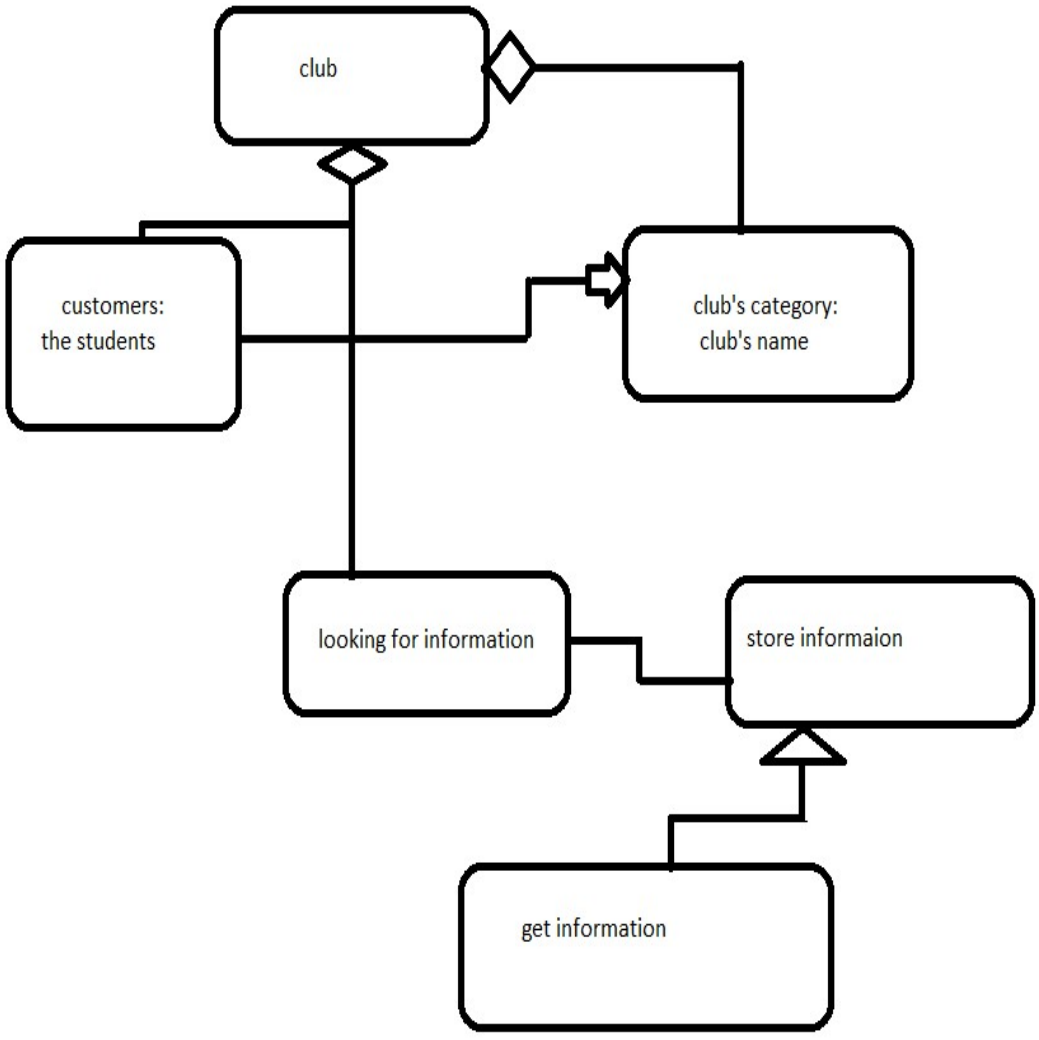
As an example:

The cricket club's head name ……ABCD……

Contact number…XXXXXX…

Diagram:

Class diagram:



By using the app NUPT SPORTS CLUB students will get information about club. They will just get the fixed information because this app is not an online based app. We are not creating any server of this app. For

that reason, if once input the information no one can be updated this. we are not going to include information elaborately, we want to put just the basic information.

The View of System architecture:

Risk assessment:

Software risk is the risk of loss in the software development and software product itself causes the loss of. In software project, there are a variety of risks. These risks will affect the implementation of software project plan if we don't control and management them. If the project risks become a reality, it may affect the project progress, increase the project cost, and even make the project not be achieved. Aimed at the various potential risk factors in software exploitation and maintenance, etc. software project risk management is to identify, analyze, evaluate and measure them, and to take corresponding steps to deal with them according to actual situation, which will avoid or reduce the failure of software project development due to the occurrence of the risk and enable users and developers to a win-win condition. Only we pay more attention to risk and take a scientific approach to risk management, can we effectively reduce or eliminate project risks to ensure the software project be successfully carried out.

Team plan and Project schedule:

Set working days for everyone on the project	we Set the standard work days for everyone on our project, such as Friday through Sunday 10 A.M. to 5 P.M.
Create a calendar for only one task	Identify working and nonworking time for only one task, such as a computer process that runs by itself during a 24-hour schedule with one day off for maintenance.
How Project uses calendars: Behind the scenes	Learn more about how resource and project calendars work together to help Project calculate the schedule.
Meeting time	Every Sunday at 8pm we discuss what we have done.

Conclusion:

We have been tried of our best to specify the whole design and process according to our plan of the project. Our expectance is to complete this project as our design plan and hopefully we will able to complete it successfully.