**About Diagrams:**

**Q) What is crc diagram, class diagram and use case diagram and why do we use them?**

**CRC-**

* **A card Contains 3 components**
  + **Class name**
  + **Responsibilities - something that a class knows or does**
  + **Collaborating Classes - another class with which it interacts to fulfill its Responsibilities.**
* **Use**

**- helps in designing Class diagram**

**- Class responsibilities are the class's attributes and methods**

**- used by - developer and application domain expert**

**Class Diagram-**

**These show the classes in the software and how they interrelate.**

* **Contains**
* **Classes**
* **Their attributes**
* **methods**
* **Use**
* **Forward and reverse engineering**
* **Analysis and design of the static view of an application**
* **Used by- developer and application domain expert**

**Use Case Diagram-**

**describe what a system does from the standpoint of an external observer. The emphasis is on what a system does rather than how.**

* **Contains**
* **Use Case**
* **Actors - An actor is who or what initiates the events involved in that task.**
* **The system modeled**
* **Use**
* **determining features (requirements).**
  + **notational simplicity makes usecase diagrams a good way for developers to communicate with clients.**
  + **generating test cases.**

**These diagrams serve the purpose of the base of the project. These are the blueprint**

**of the project , are very important before starting the coding. Basically, they tell the basic**

**Design.**

**Q) What are different types of relationships?**

**association, aggregation, composition, inheritance, generalization, specialization**

**To be Shown in diagram:**

**What are Primary and Secondary Actors, include, extend, system boundary?**

**About Our Project:**

**Q) Many to one relationship or what type of relationship.**

**Q)what is the main dependency of your project without which it can’t run?**

**Q) what are the functionalities expected from us?**