A project report on

# AskItOut A QnA website

Submitted in partial fulfilment for the award of the degree of

# BACHELOR OF TECHNOLOGY in

INFORMATION TECHNOLOGY

by

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### SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING

JUN,2021

### **DECLARATION**

I hereby declare that the thesis entitled "AskItOut A QnA website" submitted by me, for the award of the degree of Bachelors of Technology in Information Technology VIT is a record of bona fide work carried out by me under the supervision of Guide Prof.Dr.PRABHU J

I further declare that the work reported in this thesis has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Place: Vellore PIYUSH SAHU

Date: 28/05/2021 Signature of the Candidate

### **CERTIFICATE**

This is to certify that the project entitled "AskItOut A QnA website" submitted by PIYUSH SAHU(19BIT0038), School of Information Technology and Engineering VIT, for the award of the degree of Bachelors of Technology in Information Technology is a record of bona fide work carried out by him under my supervision.

The contents of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university. The Project report fulfils the requirements and regulations of VIT and in my opinion meets the necessary standards for submission.

Signature of the Guide

Signature of the Hod

**Internal Examiner** 

**External Examiner** 

### **ABSTRACT**

The goal of this project is to make a privilege based social media platform, a question-and-answer forum where questions are asked and answered by the users. The platform will allow its users the ability to ask and answer questions and to vote questions and answers up or down. Users have the ability to edit their questions and answers as well. The platform will also have a reward system where the users will receive rewards based on the popularity of the questions or answers they have posted. More rewards the user receives, higher will be his/her reputation. A higher reputation lets users unlock new privileges like the ability to vote, comment and edit other people's questions or answers.

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### **ACKNOWLEDGEMENT**

It is my pleasure to express with deep sense of gratitude to Prof. Dr.PRABHU J Associate Professor Grade 2, School of Information Technology and Engineering, Vellore Institute of Technology for his/her constant guidance, continual encouragement, understanding; more than all, he taught me patience in my endeavour. My association with him / her is not confined to academics only, but it is a great opportunity on my part of work with an intellectual and expert in the field of Object-Oriented Analysis Ans Design.

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It is indeed a pleasure to thank my friends who persuaded and encouraged me to take up and complete this task. At last, but not least, I express my gratitude and appreciation to all those who have helped me directly or indirectly toward the successful completion of this project.

Place: Vellore

Date: 07/06/2021 Name of the student

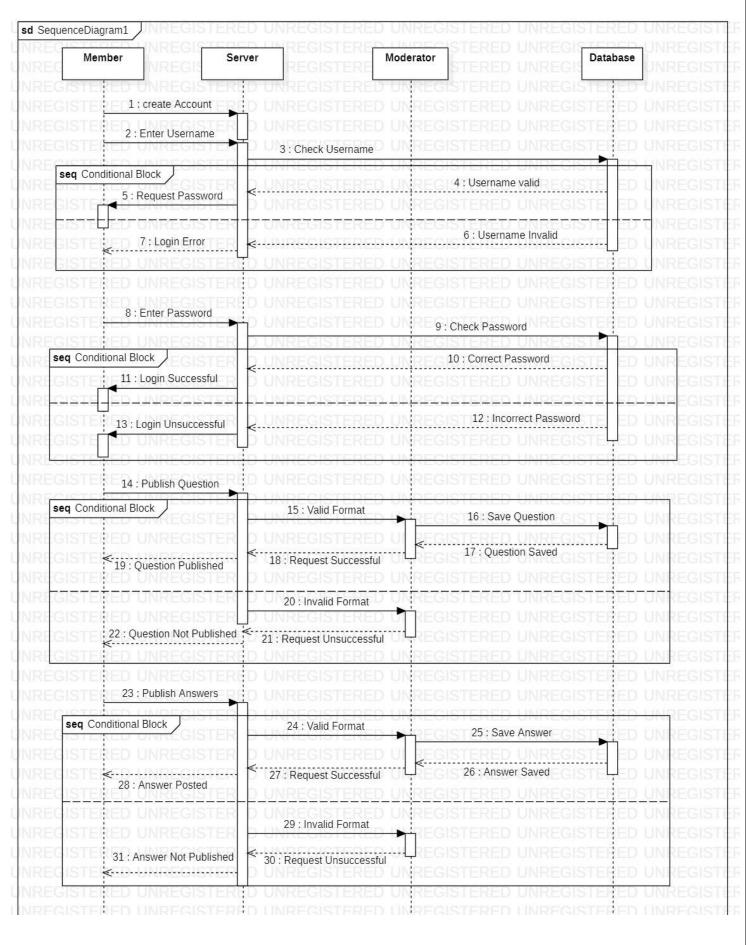
**PIYUSH SAHU** 

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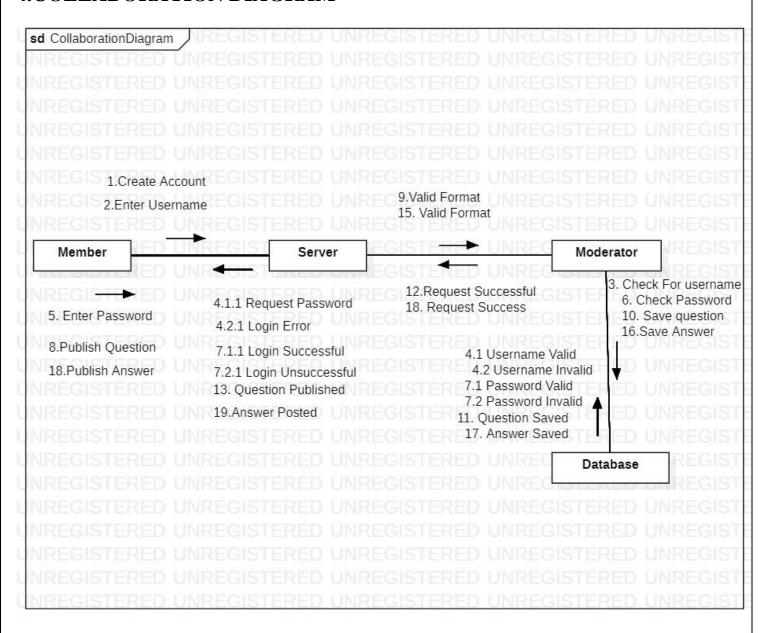
# 1.USECASE DIAGRAM AskItOut Add bounty «include» Add question Add tag «include» «include» Modify question Modify bounty «extend» Flag question Delete account Add comment Add answer Upvote or Downvote Personal message Add or delete question Admin Member Reset password Login or Logout Update Send Notification Guest : Verify user «include» View answer & question Register Search Ask support Close question Help and clear doubts Delete question **Tech Support** Moderator Block user Unblock user

### 2.CLASS DIAGRAM User +Guest id: int +searchQuestion() +searchAnswers() Staff +searchUsers() +viewOtherProfiles() +staff id: int +viewTrendingQuesitons() +name: String +staff\_email: String Moderator +Register() +staff\_password: String +name: String +working\_hours: number +mod id: int +password: String +openUserQuerries() +closeUserQuerries() +closeQuestion() Member +assignQuerries() +restoreQuestion() +appointStaff() +hideAnswer() +name: int +blockMember() +user\_id: int +unblockMember() +username: string +password: string +email: string +account\_status: String +reputation: int +addQuestion() +addAnswers() +addUpvote() Admin +addTags() +name: String +flagQuestions() +admin\_id: int +flagUser() +password: String +addComment() +addDownvotes() +fetchQuestion() +viewProfile() +fetchAns() +fetchMembers() +fetchBlockedUsers() +fetchUnblockedUsers() +fetchPremiumMembers() +saveQuestion() PremiumMember +saveAnswer() +savePassword() +premium id: int +saveComment() +removeAdds() +saveUpvotes() +getDailyRewards() +saveUsername() +makePayment() +addBounty() +messageUsers()

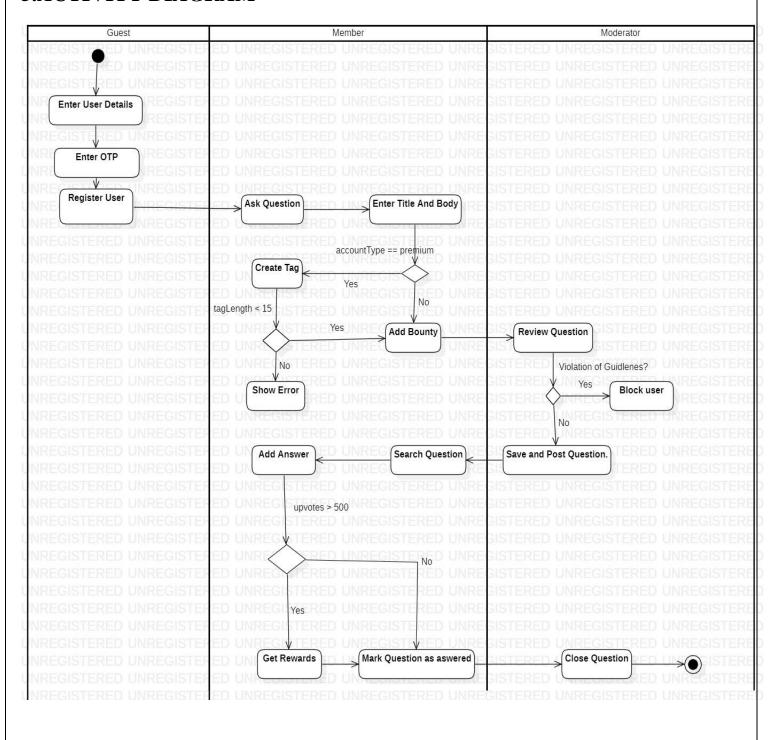
# 3.SEQUENCE DIAGRAM



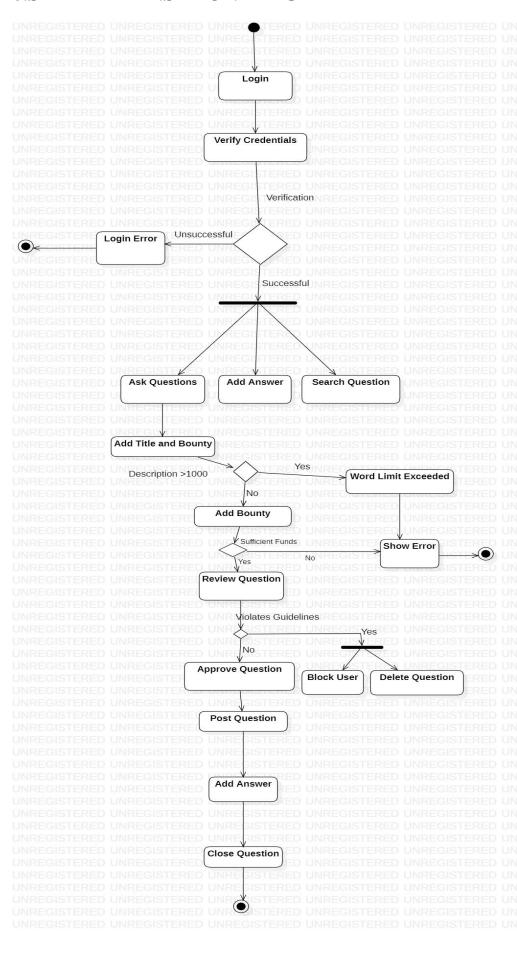
## **4.COLLABORATION DIAGRAM**

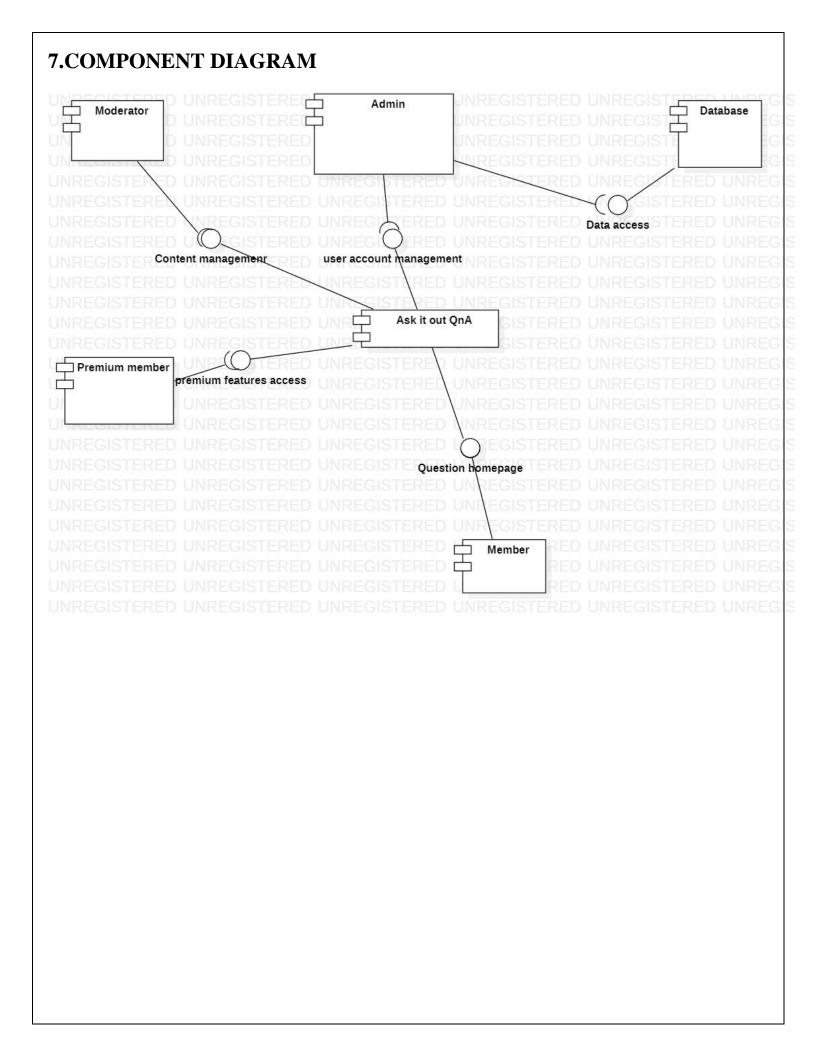


### **5.ACTIVITY DIAGRAM**



## **6.STATE TRANSITION DIAGRAM**





# **8.DEPLOYMENT DIAGRAM Smart Phone** PC «deploy» «deploy» Database Admin Machine «deploy» «deploy» Web Page

## 9.CODE GENERATION

## **Inside model folder**

> Model					
Name	Status	Date modified	Туре	Size	
Admin	•	07-06-2021 10:05 PM	Java Source File	2 KB	
Member	•	07-06-2021 10:05 PM	Java Source File	2 KB	
Moderator	•	07-06-2021 10:05 PM	Java Source File	1 KB	
PremiumMember	•	07-06-2021 10:05 PM	Java Source File	1 KB	
🚨 Staff	•	07-06-2021 10:05 PM	Java Source File	1 KB	
📓 User	<b>Ø</b>	07-06-2021 10:05 PM	Java Source File	1 KB	

# Admin.java

```
import java.util.*;
public class Admin {
   public Admin() {
   public String name;
    public int admin_id;
    public String password;
```

```
public void fetchQuestion() {
  // TODO implement here
public void fetchAns() {
public void fetchMembers() {
public void fetchBlockedUsers() {
  // TODO implement here
public void fetchUnblockedUsers() {
  // TODO implement here
public void fetchPremiumMembers() {
  // TODO implement here
public void saveQuestion() {
  // TODO implement here
```

```
public void saveAnswer() {
public void savePassword() {
  // TODO implement here
public void saveComment() {
 // TODO implement here
public void saveUpvotes() {
 // TODO implement here
public void saveUsername() {
 // TODO implement here
```

# Memebr.java

```
import java.util.*;

/**

*

public class Member extends User {
    /**
```

```
public Member() {
public int name;
public int user_id;
public string username;
public string password;
public string email;
public String account_status;
public int reputation;
public void addAnswers;
```

```
public void addQuestion() {
public void addAnswers() {
public void addUpvote() {
  // TODO implement here
public void addTags() {
  // TODO implement here
public void flagQuestions() {
  // TODO implement here
public void flagUser() {
 // TODO implement here
public void addComment() {
// TODO implement here
```

```
/**

*

//
public void addDownvotes() {
    // TODO implement here
}

/**

*

/**

*

public void viewProfile() {
    // TODO implement here
}

}
```

# Moderator.java

```
import java.util.*;
public class Moderator {
    public Moderator() {
    public String name;
    public int mod_id;
    public String password;
```

```
public void closeQuestion() {
 // TODO implement here
public void restoreQuestion() {
  // TODO implement here
public void hideAnswer() {
  // TODO implement here
public void blockMember() {
 // TODO implement here
public void unblockMember() {
```

# Premium member.java

```
import java.util.*;
/**
   *
*/
```

```
public class PremiumMember extends Member {
    public PremiumMember() {
   public int premium_id;
    public void removeAdds() {
     // TODO implement here
    public void getDailyRewards() {
      // TODO implement here
    public void Operation1() {
     // TODO implement here
    public void makePayment() {
      // TODO implement here
    public void addBounty() {
```

```
*/
public void messageUsers() {
    // TODO implement here
}
```

# Staff.java

```
import java.util.*;
public class Staff {
    * Default constructor
    public Staff() {
    public int staff_id;
    public String name;
    public String staff_email;
    public String staff_password;
    public number working_hours;
```

```
public void openUserQuerries() {
 // TODO implement here
public void closeUserQuerries() {
  // TODO implement here
public void assignQuerries() {
  // TODO implement here
public void appointStaff() {
 // TODO implement here
```

# User.java

```
import java.util.*;

/**
   */
public class User {

   /**
   * Default constructor
   */
   public User() {
   }
}
```

```
public int Guest_id;
public void searchQuestion() {
 // TODO implement here
public void Operation1() {
  // TODO implement here
public void searchAnswers() {
  // TODO implement here
public void searchUsers() {
  // TODO implement here
public void viewOtherProfiles() {
 // TODO implement here
public void viewTrendingQuesitons() {
```

```
public void Register() {
```