

## **Twitcheer**

### **Bird Tracking**

#### **Team Presentation**



#### **Our team name is Twitcheer**

**Meaning of Twitcheer** is basically a birdwatcher whose main aim is to collect the sightings of rare birds.

#### **Meet the team**

We are a group of four persons from India and Pakistan who have a real desire to see and learn about the process of making an app, as well as the challenges that come with it. Three Tasks has been assigned by professor to students for their final project (Get Home Safe, Bird Tracking and Money Control). A team of four students is required to make Project as I mentioned earlier. A group of four students, two of us are from ORBA (Maira Kamal & Muhammad Arslan) and other two are from DE (Arun & Reshma).

**Arun Jose** is excited to be a part of this project because he wants to learn more about the full software development process. He has expertise and professional experience in Python and Java Script. His **motivation** towards this object is to create a user friendly interface where bird watchers can track and share information about birds.

**Muhammad Arslan Khalid** is working as a data analyst and has some intermediate knowledge in database management, SQL, R and Python. In addition to this he knows how to use Database tools e.g. PowerBI and Tableau. He is **motivated** to learn and achieve something new and want to discover distinctive species of birds and put them at a single click for keen learners and observers for their ease. He will be in charge of the design of our major application. Despite the fact that he is completely new to App Development and its ancillaries, he has always appreciated the creative area and was all-hands to take on this task.

**Reshma Vasan Rethy** enjoys working in a group and collaborating with others. Her trueshppting passion will be crucial to our development, and she will also be in charge of some design work. She is also DE student of 3<sup>rd</sup> semester. She has professional experience of Web Development using HTML, JavaScript, CSS and PHP. She also has academic experience in MySQL and Java. For her **motivation** behind selecting the above project is that it gives individual the way to explore the different types of birds existing.

**Maira Kamal** has professional experience of working as a financial analyst and also has well verse concepts of financial modeling, data visualization and validation. For her this project is to help and guide people who are adventurous and want to explore nature and those who are interested in finding and knowing about bird species & their locality around the globe. She has a gift with words and enjoys writing about whatever happens to her. She is responsible for the design and content of this site, and she is fully supported by the other team members.

We specifically stated while rolling out the assignments that the creation of this application - IMPLEMENTATION - is not a one-man job. Because we are all fresh to this domain, it will take conscious and significant efforts from all four of us. Challenges have always been enjoyable for us, and we eagerly accepted them. This project is no exception. We're rolling up our sleeves.

How do we communicate with one another?

To participate in the development process, the team must remain cohesive, and we understand the need of using numerous channels of communication to achieve a cohesive outcome.

- **GitHub Portals**
- **Zoom Meetings**
- **Whatsapp Group**

Decided our team members and project on which we four are going to work under the supervision of **Theo Langer** on zoom meeting.

Division of roles: We divided roles among us (Product owner, Product developer, Scrum Master & Customer). Division of tasks between group members according to their expertise: Activities divided into three major tasks and into many subtasks to keep the tracking of major ones.

1. Blog post and data collection
2. Software development and designing of application
3. Operations and task tracking

#### Challenges for Plan A which leads us to opt Plan B

No task is simple, particularly when it is your first. We are certainly concerned about what will be available in the event of a last-minute change in needs or an unanticipated setback during the creation of our App. So, what do we do in the event of a crisis?

- Selection of team name: Every group member suggested different names for the team in which BirdE, Trackers, Falcon, Birdswatcher, Birdseye and Twitcher were included.
- We selected Twitcher because of its meaning and also majority of members voted for this name. Twitcher is basically a birdwatcher whose main aim is to collect the sightings of rare birds.
- Did the same thing for Logo and finalized the logo as well after considering multiple options and detailed research on the logo of few well known Bird tracking applications.

Flexibly shift roles - This necessitates a good knowledge transfer within the team. If something or, sadly, someone falls short, all four of us should be prepared to exchange hands.

Mit freundlichen Grüßen,

– Team Twitcher