

Team Feedback Report 1

1. What theme have you decided for your project?

Theme of our project is Digital Society. It is an excellent theme to reach a large audience, and a digital society theme can make the content more accessible to a wider range of people, including those who may be geographically dispersed or have limited physical mobility through our topic. In today's world, technology and digitalization have become an integral part of our lives. By focusing on the theme of a digital society, an NGO can highlight the relevance of its work and show how it is making a difference in this rapidly evolving landscape.

2. What is your problem statement?

A java interface that allows users to search for different NGOs to volunteer and donate by taking their location preference through login and sort accordingly to shortest to longest distance by providing different categories. It is user-friendly, secure and accessible to volunteers and donors.

3. What is the scope of your project?

The scope of our project is vast so to get efficient results as of now the scope of our project is bound to Pune region only.

4. What data structure have you decided to use and why?

In the given code, a LinkedList is used to store a list of Location objects. A LinkedList is a data structure that implements the List interface and is based on a doubly-linked list.

One of the main advantages of using a LinkedList is that it allows efficient insertion and removal of elements at any position in the list, which makes it a good choice for scenarios where frequent modification of the list is expected.

Additionally, LinkedList also provides methods for accessing and manipulating elements at the beginning and end of the list, which makes it a good choice for implementing queues or stacks.

In the given code, since we are creating a dynamic list of Location objects, and we may need to add, remove, or access elements at various positions in the list, a LinkedList is an appropriate data structure to use.

5. Did you think of any other data structures with similar functionality required for your project? Why did you not choose them instead?

Yes we thought of using arrays for storing our data and it has similar functionality to Linked list. But we did not choose arrays because arrays are static and Linked list is dynamic. Linked list allows for efficient insertion whereas arrays require shifting of elements when an element is inserted which can be time consuming.

6. Have you started working on your project and what all did you accomplish in the past 2 weeks?

Yes we started working on our project. We first discussed different ideas on which we can implement real life projects. So we got an idea about an NGO project which allows users to search for different NGOs to volunteer and donate by taking their location preference through login and sort accordingly to shortest to longest distance by providing different categories. It is user-friendly, secure and accessible to volunteers and donors. Then we thought about a theme in which we should include it. So it was all about Digital Society.

7. Did you face any problems in these 15 days and were you able to resolve them?

Yes we faced so many challenges. Firstly, the data was so scattered and we were confused about how to go ahead. But our mentor helped us a lot by suggesting different ways to proceed.

