**ABSTRACT**

Nest is a website that we had build using an elusive technology Angular and Boostrap, which has churned the different solutions of the organization and categories of requirements of the deprived growing youth. This could bring a better platform for them in accordance with the valuable support of the people who want to or try to help these young ones, via this website. This website makes a schedule for an appointment in accordance with the availability of time for the organizer of the Nest Children House.

The donators can once log in and tick for the items that they can donate from their end to Nest, provided that is there in the check list. This impedes the extra efforts of bookings via telephonic calls. Also, it helps the organizations which could find whatever is needed more and with that they can track the children’s requirement, which helps even the donators coming across this platform, to fulfill the children’s most required need.

The organization which is associated from FIDES India Society with our help, has successfully made a website.

This project uses following tools as its major-Angular, Bootstrap and Firebase. This is used so that the website can be responsive enough and could also use the most trending technology of the market.

**Chapter 1: Introduction**

* 1. **Background**

This project is based on the idea where two platforms can be combined together for a good cause; donate, provide a support to mitigate the suffering and elevate few foundlings. Those children, who are deprived of various amenities, love and care can be grouped together and helped by means of this booming technology. We have made our efforts to make website so that the people who want to provide a support to these beautiful deprived little future can bring a bright future and lead us to a growing country without any barrier.

* 1. **Problem Statement**

The problem was about the existence of such a platform where millions of donators could come across a single platform and choose a particular organization with the requirements of their children in their organization and give details regarding the appointment for the purpose of charity.

* 1. **Objectives**

The objective of this project was to understand and identify different categorization of needs and requirements of these young ones, which can help them in the most balanced method. The methodology behind this was to set up a meeting with the community and understand their working and background for the different children in nest. Not only that it was great to see the impact that they have brought to change the future of these young minds, where we could ramify it through our support by adding a pinch of Technology. This project was had into the following phases:

* **Phase 1:** Choosing a community where we choose Nest Children’s House, which we found a beautiful community to improvise our learning and delivering our services as well. We complied on their terms and policies and understood it, for a suitable start.
* **Phase 2:** After choosing a community the next step was to choose the tool that we had to use for making an app for the same, and when we stumbled upon Angular and Bootstrap, which has a steep curve but is also, very popular and demanding in industry. Also, for backend we selected Firebase which we selected on our ease. This way we could balance those two figures of backend and frontend, at their difficulty rate.
* **Phase 3:** Learning these two technologies and understanding how it works so that three of us could collaborate and keep it till the same level.
* **Phase 4:** Implementation of these tools for making a website where we can show the working of this project, of how it has helped several problems of Father.

**Chapter 2: Methodology**

**2.1 Architecture/flow diagram**

**2.2 Components**

* HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages.
* Bootstrap is a sleek, intuitive, and powerful, mobile first front-end framework for faster and easier web development. It uses HTML, CSS and Javascript.
* Firebase is a Backend-as-a-Service — BaaS that grew up into a next-generation app-development platform on Google Cloud Platform.

**2.3 Software Requirements**

**Visual Studio Code:** It  is a [source code editor](https://en.wikipedia.org/wiki/Source_code_editor) developed by [Microsoft](https://en.wikipedia.org/wiki/Microsoft) for [Windows](https://en.wikipedia.org/wiki/Windows), [Linux](https://en.wikipedia.org/wiki/Linux) and [macOS](https://en.wikipedia.org/wiki/MacOS). It includes support for [debugging](https://en.wikipedia.org/wiki/Debugging), embedded [Git](https://en.wikipedia.org/wiki/Git) control, [syntax highlighting](https://en.wikipedia.org/wiki/Syntax_highlighting), [intelligent code completion](https://en.wikipedia.org/wiki/Intelligent_code_completion), [snippets](https://en.wikipedia.org/wiki/Snippet_(programming)), and [code refactoring](https://en.wikipedia.org/wiki/Code_refactoring). It is also customizable, so users can change the editor's [theme](https://en.wikipedia.org/wiki/Theme_(computing)), [keyboard shortcuts](https://en.wikipedia.org/wiki/Keyboard_shortcut), and preferences. It is [free and open-source](https://en.wikipedia.org/wiki/Free_and_open-source), although the official download is under a [proprietary license](https://en.wikipedia.org/wiki/Proprietary_software).

**2.4 Description**

**2.5 Results and Screenshots**