

**Feasibility Study**

**Report**

**<Project Title: DOPE-TECH Website>**

**<Client: Dope-Tech>**

**<Submitted To: Dr.Mansoor Ebrahim/Ghazala Shafi>**

**<GitHub Repository Link:** <https://abeerahshamshad.github.io/Dope-Tech/> **>**

**Group Members Name:**

1. Muhammad Mubashir Noor (49331)

2. Abeerah Shamshad (51722)

3. Muhammad Shaharyar Shafique (41111)

# Section – 1

1. **How would the organization cope if this system was not implemented?**

Ensuring each sprint to be completed at defined time so no delay will occur in implementation of the project.

1. **What are the problems with current processes and how would a new system help alleviate these problems?**

The new project will be desktop and mobile friendly so it will be easy for the user to access it from any device.

1. **What direct contribution will the system make to the business objectives and requirements?**

The website will be a single platform for all type of Tech Solutions. Within the single platform it’ll give user multiple choices to order for the product according to their requirements. It’ll be user-friendly and easy to use so it will help the business in making more conversions through it.

1. **Can information be transferred to and from other organizational systems?**

In this website project no information will be shared to/from any other system.

1. **Does the system require technology that has not previously been used in the organization?**

The new technology to be implemented with this project is Progressive Web App (PWA). It will give mobile device users an app like experience without being installed at their devices.

1. **What must be supported by the system and what need not be supported?**

The website will support timely upgradation to it as per business requirements in future. It will be open to adopt any kind of change in it.

# Section – 2

You are required to develop a feasibility report for your selected project. The feasibility report should contain following sections:

1. **Outline plan, showing principal activities and milestones.**

To start the business as soon as possible. As by using PWA firstly, website will be up so all the functionalities will be started as per requirements also we don’t have to develop the native app of our business because PWA will give app like experience to the user while running on internet browser.

**MILESTONES:**

* Front-End-Development
* Back-End-Development
* Progressive Web App

1. **Business Considerations**

This new proposed idea usually has an objective of somehow making a profit. Projections of future sales, expenses, profits and cash flow are intended to impart some understanding of the possible results of the project.

1. **Risk analysis**

* Project requires time for the development and must be completed in one month .
* Cost will be based on number of developers working on it.
* Project will be developed on Visual Studio code.
* The big obstacle is to live the website as soon as possible with PWA integration.

1. **User Roles and Responsibilities**

* Muhammad Mubashir Noor will develop the Front-End of website.
* Abeerah Shamshad will integrate PWA.
* Shaharyar will develop the Back-End of website.

1. **Interactions with Other Systems**

In this project there is no need of other system interaction.

1. **Production Rollout Considerations**

The website will be live as soon as major part of it is being developed. And then its performance will be tested. It will be open to adopt change anytime so with the passage of time and requirement it can be easily modified.

1. **Technical Feasibility.**

Users will be able to use this project easily because it is an online software solutions website with user-friendly interface. Project will be develop using HTML, CSS (Bootstrap) and JavaScript (jQuery).

1. **Visibility.**

* Overall time is one month.
* Weekly we have to cover one of the main sections of website.
* Daily we have to complete chunks of specific sections of website.

1. **Software Development Process.**

* Planning phase is in progress.
* After Plan the prototype will be shown to client.
* After the design is accepted by the Client actual work will be started. The user interface will be developed this phase require time as compare to other phases. After UI will be developed PWA is integrated to it.
* As development of project is completed, we will first test the project and then we will allow the website to be live.
* We are using Agile method mainly, because website development is a feasible project and require client opinion on every phase because the client requirements changes during the development of website. Development tasks will be divided into short sprints.

1. **Visibility Plan.**

* Reviews will be taken from client at completion of every step.
* Each sprint will be completed before the deadline.
* After completion of each sprint its testing will be done to avoid any kind of risk.

# Section – 3 (Questionnaire)

**(From Developer To Client)**

**Muhammad Mubashir Noor:**

* What are your organization’s goals? What is it you're trying to achieve? What are your top business priorities?
* What business objects are you looking to meet with this IT software project?
* How will our IT software help you face the key business issues?
* What kind of data do you wish to display on your website?
* Can customers be asking multiple IT services simultaneously?

**(From Client To Developer)**

**Abeerah Shamshad:**

* What is the reliability of our website that in future we will not need of any native app for Dope-Tech?
* Which process is selected for the clients that they can contact us for their required services?
* Is React Native will be used in our website?
* What will be the payment process?
* Is our website will be responsive?

**Muhammad Shaharyar Shafique:**

* Will you provide after sales support?
* what will be the total expense of the whole project?
* What will be the domain of the website?
* What will be the security features in the website?
* On how many platforms this website will be reachable?