

Project Proposal

Software Engineering – B

Project Title: Green Dhaka

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Background

Dhaka metropolitan area is facing many problems most impacting is greenery & unemployment. Our system will try to implement a sustainable Dhaka city by creating greenery on rooftops & offering assistance by training the unemployed but eligible people.

Solutions

- A. The main objective of this project is to help the DCC residents implement a self-sustaining rooftop garden. That'll increase the greenery in Dhaka city which is declining day by day. With added features like calling assistance for particular household tasks like water, electricity, sewage, gas etc.
- B. Getting all the necessary assistance to implement a rooftop garden & maintaining it will be the focus of our system. This will ensure a little bit of greenery in the harsh concrete world. Our system will also lend out expensive & specialized machineries for a fraction of cost as an value added service.
- C. Dhaka Bangladesh govt has established youth training centers which gives vocational training. Every year the pass out rate of these vocational centers are very high, but employment rate is very low. So to utilize their training properly govt can appoint them to a particular areas as a certified assistant for a particular household work. This will ensure the proper use of their training & will make them self-sufficient.
- D. The main targeted user groups of our solutions systems are the people with empty & unutilized rooftops. Which will then be transformed to serve as a self-sustainable garden. As per DSCC, they'll enjoy a tax rebate of 10% for gardening. Secondly, we will also utilize the unemployed trained youths to serve society in its various tasks.
- E. The contribution of this project to the advancement of scientific results is very impactful, as this system aims to improve the natural imbalance created by mass urbanization.
- F. (Literature review on tree plantation).
- G. The software "sheba.xyz" is well-known among the existing studies in the problem area. This program is mostly used to get a helping hand for many of our daily problems. However, it lacks the greenery plan which we'll do in our system.
- H. "sheba.xyz" only focuses on assisting people with various tasks. But this proposed project will provide not only assistance but also a one-stop solution for gardening many essential renting out many useful accessories that comes at a high cost for a fraction of the amount and many more.