

SMART PLANTATION



B.S. (SE) 2017

Final year Project Report

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Project Approval

Project Title: Smart Plantation

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ABSTRACT

Smart plantation is all about purifying the environment. The plantation is a process that doesn't bring noticeable changes in small duration to the environment. On the other hand, it's one of the causes that has marked lethal impacts on the planet. We can take the example of recent incidents like Amazon Rainforest fire, Australia bush fire, and many more. We have seen in Karachi that heatwave was primarily because of the Conocarpus tree which was massively planted without any prior research. The result was decreased humidity, decreased water level and ultimately KMC had to cut the plant from across the city.

Smart plantation is a solution to the problem of inappropriate plantation by recommending what is needed by the environment. Data with the help of sensors is collected from the air and land. The system then makes a prediction and it is also ensured that the suggested plant is in the approach of the user as they are made able to buy seeds from the app.

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