App For Eliminate Climate Change (AECC)

Name: (Nada Wagdy ^1, Mariam Khaled ^2, Manar Amer^3, Happy Awad^4)

(STEM Qena, STEM Qena, STEM Qena, STEM Qena)

Mentor: Randa Hosni, randahosni@gmail.com, teacher at Qena STEM school.

Abstract

Climate change is a complex issue that requires a lot of awareness and understanding. According to the United Nations, fossil fuels – coal, oil and gas – are by far the largest contributor to global climate change, accounting for over 75 per cent of global greenhouse gas emissions and nearly 90 per cent of all carbon dioxide emissions.

The world is now warming faster than at any point in recorded history. Warmer temperatures over time are changing weather patterns and disrupting the usual balance of nature. This poses many risks to human beings and all other forms of life on Earth.

Raising awareness and thereby understanding of the effects of climate change on health will facilitate both behavioral change and societal support for the actions needed to reduce greenhouse gas emissions.

It is important to raise awareness of the problem of climate change and its causes because it affects human, animal and plant life, leading to changes in weather, climate and the environment. This affects agriculture, fishing, forests and water, leading to a lower standard of living in many communities.

The target for solving the problem of awareness of climate change is everyone. Climate change is a global issue that affects everyone on the planet. It is disrupting national economies and affecting lives, costing people, communities and countries dearly today and even more tomorrow. People are experiencing the

significant impacts of climate change, which include changing weather patterns, rising sea level, and more extreme weather events. Encouraging friends, family and co-workers to reduce their carbon pollution is one way to help fight climate change.

Here are some of the major goals:

1- Promoting the positive behavior of individuals in dealing with The elements of the environment.

2- Creating environmental knowledge among different groups of Society that helps them understand environmental problems, so They can share in contributing to preserve the environment.

3- Generating enthusiasm towards renting appropriate Solutions, by instilling environmental values aimed at preserving the environment.

4- Encouraging participation in the reduction and prevention of Environmental problems through environmental competitions and Conferences.

Idea

Green as Grass...

climate change describes global warming—the ongoing increase in global average temperature—and its effects on Earth's climate system. "Climate change" encompasses global warming, but refers to the broader range of changes that are happening to our planet, including rising sea levels; shrinking glaciers and ice sheets are shrinking, river and lake ice is breaking up earlier, plant and animal geographic ranges are shifting, and plants and trees are blooming sooner sea ice loss, and longer, more intense heat waves Global climate change is not a future problem.

Who is the main cause for increasing the climate change?

There is evidence that human activity is causing climate change. Fossil fuels – coal, oil and gas – are by far the largest contributor to global climate change, accounting for over 75 per cent of global greenhouse gas emissions and nearly 90 per cent of all carbon dioxide emissions.

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How can we reduce the climate change?

That was the question that led us to think about our idea. So, our idea is to make an application to help rising awareness, encourage students to find solutions and reducing climate change. The application consists of five options:

o The first one is Grand challenges that allow users to easily access solutions climate change problems in a short amount of time, the previous solutions, and how to solve them. making it easier to take action and combat climate change.

o The second option is information about all competitions that request ideas on climate change, how to apply, and the website of the competition on order to help students to share by their ideas more easily.

o The third opinion is Notify chat, it let you contact with any doctor or professor in any field by using the chat. So, by this way it's easy for anyone to insure her/his information, allow students to ask more and more about their ideas, their thoughts and solutions they created as it helps them to be more social able and enhance their self-confidence

o The fourth option is about orders, if you do them, you will win a prize. For example, one of the orders that exists is "Sow and Reap". In this order, you must plant any plant you like, shoot a video and upload it to the application chat, and you will get points. The more points you collect, the more money

you will receive. This option will help a lot in reducing climate changes and reflect the saying "start with yourself", as we can place many orders such as (removing rubbish in the streets, planting plants).

o   The last option is a game and it is for increasing the awareness for kids by a funny way, the games like subway or cars so that you can play the game and when you lose. You must solve a question about climate changes in order to complete the game. If you do not answer, you must start a new game, and at the same time you will benefit from the information.

There are many ways to help decreasing the causes of climate change but we saw that the best way is to begin with the main cause of this problem which is the human by rising awareness for all ages and help students to find more ideas instead of only our own idea (This is a famous saying that means it is better to teach a person how to fish instead of giving them the fish). Therefore, in our current time everyone has phones and all buses with artificial intelligence and internet.

Plan

Our project is an application to increase awareness of climate change issues for all ages and help creative students identify the challenges facing the world by conducting scientific projects with the help of university professors in all fields and presenting them through scientific competitions. All of this is available through the application so that we can achieve our goal of increasing awareness, promoting education, and reducing climate change problems by instilling a sense of responsibility in every citizen.

And to begin the development process, we first conducted extensive research on existing water tracking apps and user preferences. Key features that users would want in a water tracking app were identified, such as customizable goals, reminders, and a user-friendly interface. Sketch ware was used to create a visual representation of the application and develop its technical aspects. Once the technical aspects of

the application were developed, extensive testing was conducted to identify any bugs or glitches. Feedback from beta testers was gathered to ensure that the application met their needs and preferences. Based on this feedback, necessary adjustments were made to improve the user experience.

For the challenges that we face in the beginning is the difficult for making to the application, but we founded the ways of dealing with this challenge which are:

1. Use social media platforms such as Facebook, Twitter, and Instagram to promote the application.

2. Collaborate with influencers and bloggers in the climate change space to promote the application.

3. Use paid advertising on social media platforms and search engines to reach a wider audience.

4. Attend climate change conferences and events to showcase the application.

5. Partner with organizations working on climate change issues to promote the application.

6. Use email marketing campaigns to reach out to potential users

Coming to the materials used for making the app is Sketch ware, Android app development platform that allows you to develop, compile, and build an Android application directly on any smartphone, as it is an integrated development environment (IDE)

Dealing with the budget So far there is no cost because the application has been made on sketch ware app and this is for free, but there will be a cost when downloading the application on Google Play and this amount is approximately $25.

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