Department of Science and Technology **Balik Scientist Program**











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Sunshare: A Renewable Blockchain Marketplace **App for Clean Community**

Duration: 2022-2023

Host Institution: University of the Cordilleras

Project Description

The main objective of this project is to develop a blockchain marketplace application where users can buy and sell renewable energy from their community with the help of blockchain technology with the specific objectives:

- To improve the processes of the energy marketplace through the integration of blockchain technology
- To develop a small-scale microgrid in a university campus level as a proof-of concept
- To design the overall model of the project
- · To design the features of the project
- To measure the extent of usability of the project
- · To deploy the project

Expertise Needed

- · Blockchain Technology
- · Software Development
- Business / Financial Expert