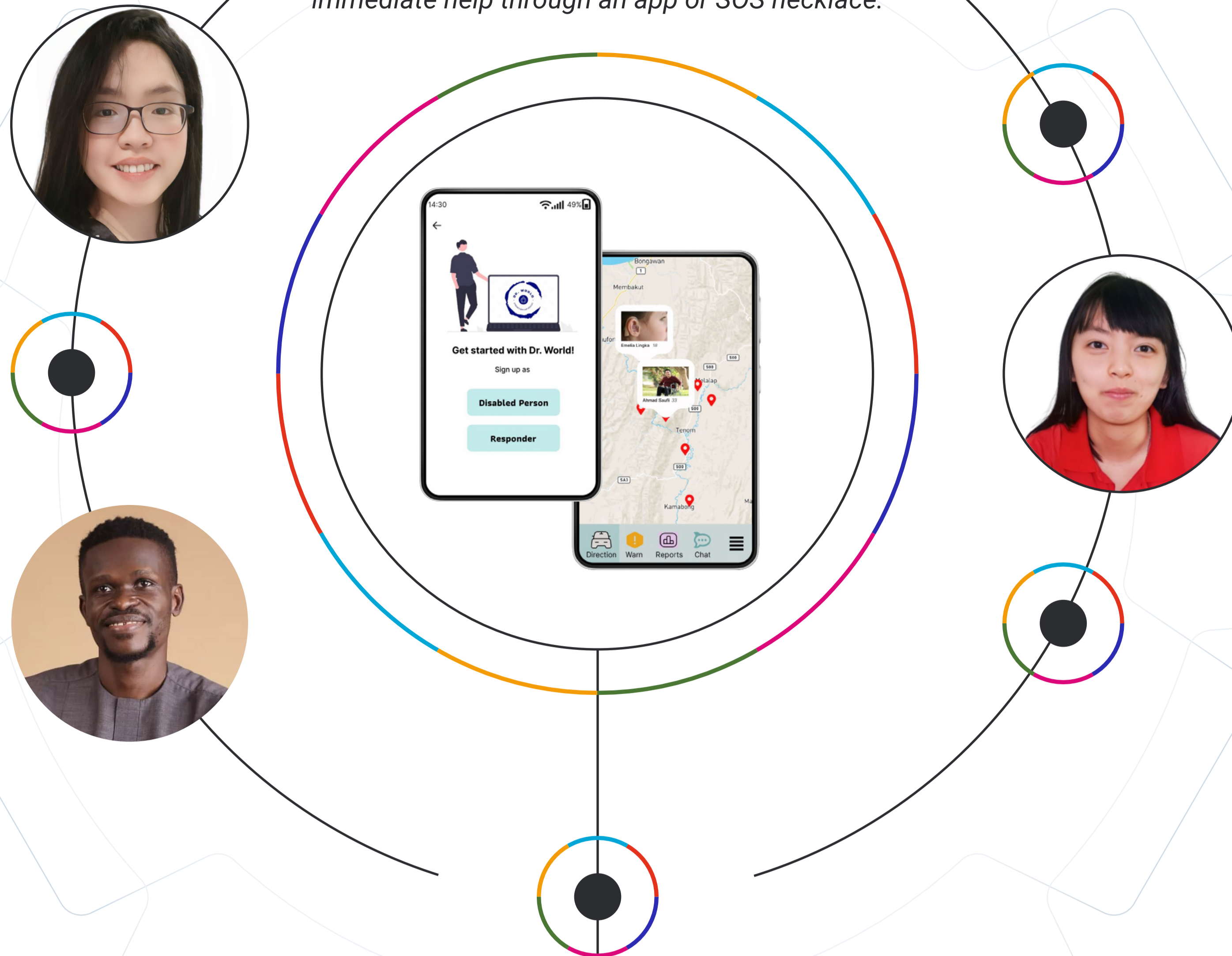




Real-time monitoring and rescue solution for disabled individuals during floods, providing immediate help through an app or SOS necklace.



### Objective of the project

The objective of Dr. World is to improve the rescue strategy to save disabled individuals during floods by providing them with a means of accessing immediate help and by enabling responders to quickly locate and rescue them.

### Problem addressed

Dr. World is designed to address the critical needs of disabled individuals during floods, where traditional rescue methods may not be effective. By providing real-time monitoring and rescue solutions through an app or SOS necklace, Dr. World empowers disabled individuals to access immediate help and enables responders to quickly locate and rescue them. The project is a winning solution for emergency preparedness and response, making it a vital tool for improving the safety and well-being of disabled individuals during floods. With its innovative approach and technology, Dr. World is poised to make a significant impact in the realm of disaster management and response.

### Solution proposed

Dr World is a cutting-edge solution that aims to provide assistance and protection to disabled individuals during flood emergencies. The solution is composed of a mobile app and a GPS-enabled SOS necklace, both of which work together to provide real-time monitoring and rescue capabilities. The DR World app offers a range of features to help disabled individuals during a flood, including the ability to send help requests and access critical information. On the other hand, the SOS necklace is equipped with a GPS tracker that allows the wearer to instantly transmit their location to responders with a single click. The GPS data is sent via SMS to the cloud server and stored in the database, enabling the Dr World app to generate real-time reports on the location of disabled individuals. With the integration of GPS technology, responders can monitor the location of disabled individuals in real-time using the Dr. World app, ensuring prompt and effective rescue operations. The Dr. World solution is a comprehensive and innovative approach to disaster management and response, providing disabled individuals with the tools they need to stay safe during a flood emergency.

### Expected impacts

The deployment of Dr. World aims to achieve a substantial improvement in the safety and security of disabled individuals during flood events. Its real-time monitoring and rescue features enable quicker and more effective rescue operations, potentially lowering mortality rates and improving survival rates. The app or SOS necklace's ability to rapidly transmit help requests from disabled individuals to response agencies will significantly enhance their chances of prompt rescue. Dr. World has the potential to significantly enhance flood response and preparedness strategies for disabled individuals, resulting in a safer and more secure environment.

### Current state of development and What is the project looking for?

The Dr. World project is now in its design phase, where a high-fidelity wireframe prototype for the app has been created using Figma. Additionally, a Dr. World SOS necklace has also been planned and designed, allowing disabled people to send their location to authorities in an emergency, even if they don't have access to their mobile phone.

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