**MAD EVALUATION - TEAM 32: SCRIPT**

As part of the Mobile Application Development course at Amrita School of Computing, we developed **Skinology: A skin disease detecting app**, an AI-powered app focused on detecting diseases in skin through machine learning. This app is designed to facilitate the public to have a basic knowledge and diagnose skin disease on the go.

Our project utilizes the **HAM10000 dataset** to train several deep learning models:

* **ResNet-50**: Achieved an accuracy of 76%
* **Custom CNN**: Achieved an accuracy of 92%
* **DenseNET**: Achieved an accuracy of 88%
* **MobileNETV2**: Achieved an accuracy of 83%

The dataset can be accessed here: <https://www.kaggle.com/datasets/kmader/skin-cancer-mnist-ham10000>

For a demonstration of the app in action, please visit: <https://drive.google.com/drive/folders/1MI8JimJ1MCKxvidyUzeFmomHZ6W8LT33?usp=drive_link>

The complete source code for Skinology is open-source and available on GitHub: <https://github.com/cryptobatman23/Mobile-Applicaiton-Development-Project>