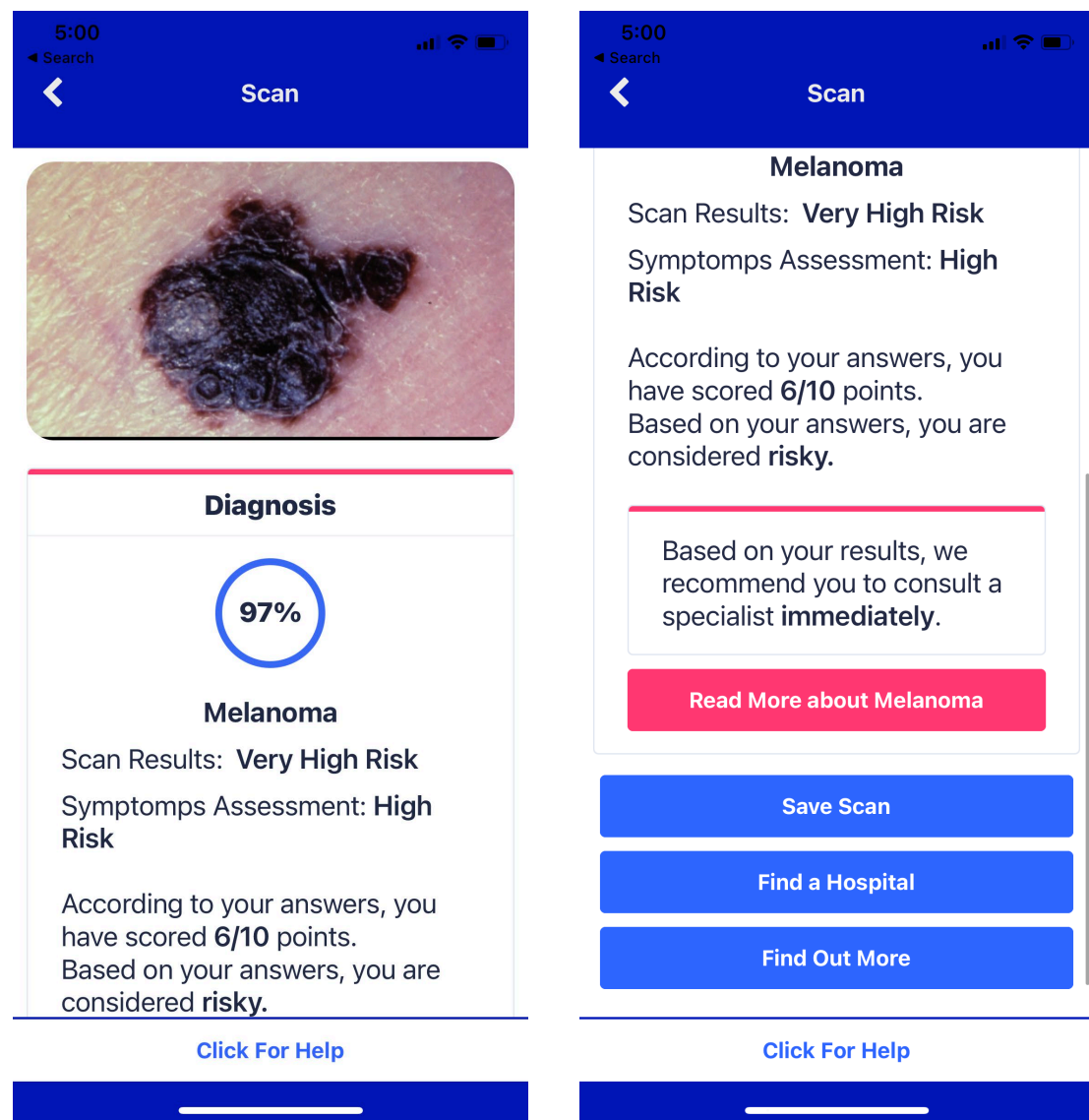


Skin Cancer Detection

Spreading Awareness Through Mobile Application

Student: Gabriella Benedicta Christianti

Supervisor: Dr Owen Noel Newton Fernando

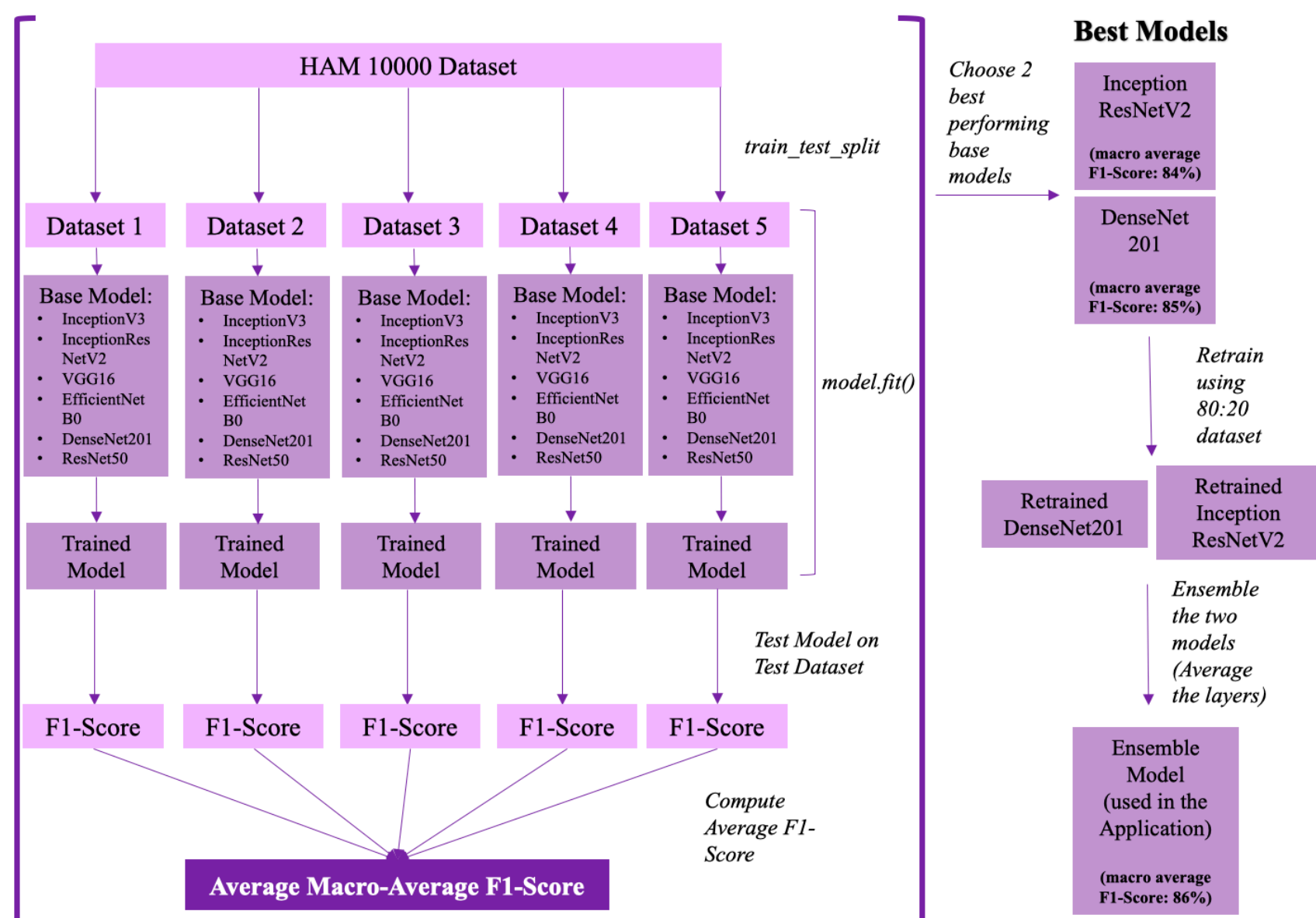


Project Objectives:

This project aims to spread awareness on individual's risk of developing skin cancer. With increased awareness, the general public is expected to be more cautious of suspicious skin lesions. This increase in caution is expected to encourage the general public to go for a check-up with a specialist earlier, thus facilitating early detection and treatment of skin cancer and to reduce the mortality of skin cancer.

Deep Learning:

Six state of the art (SOTA) deep learning models have been selected and trained on the HAM10000 dataset. The two best performing SOTA models will be combined to create an ensemble model with better classification performance, achieving an average macro-average F1-score of 86%



Equipped With 7 Main Features

