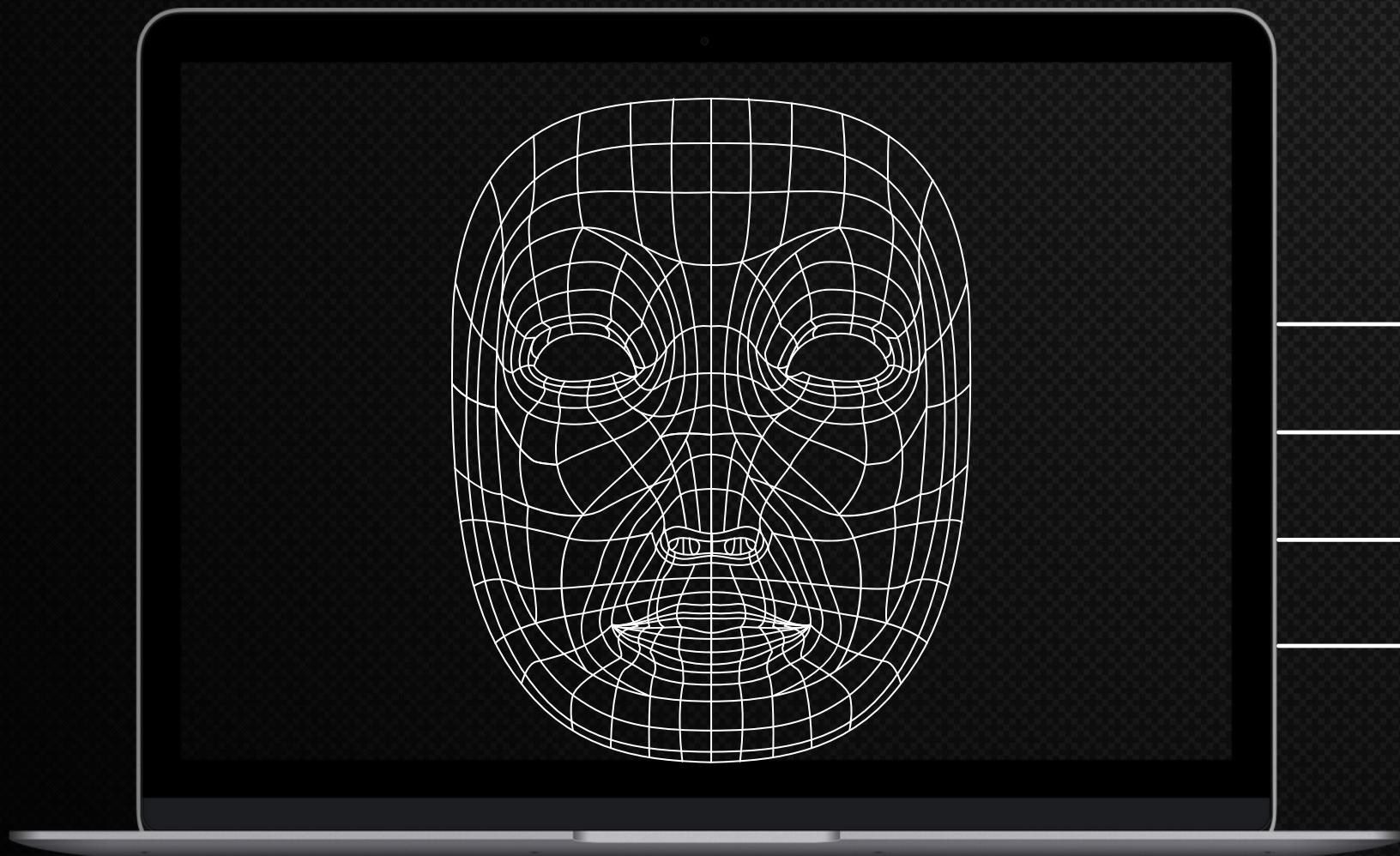


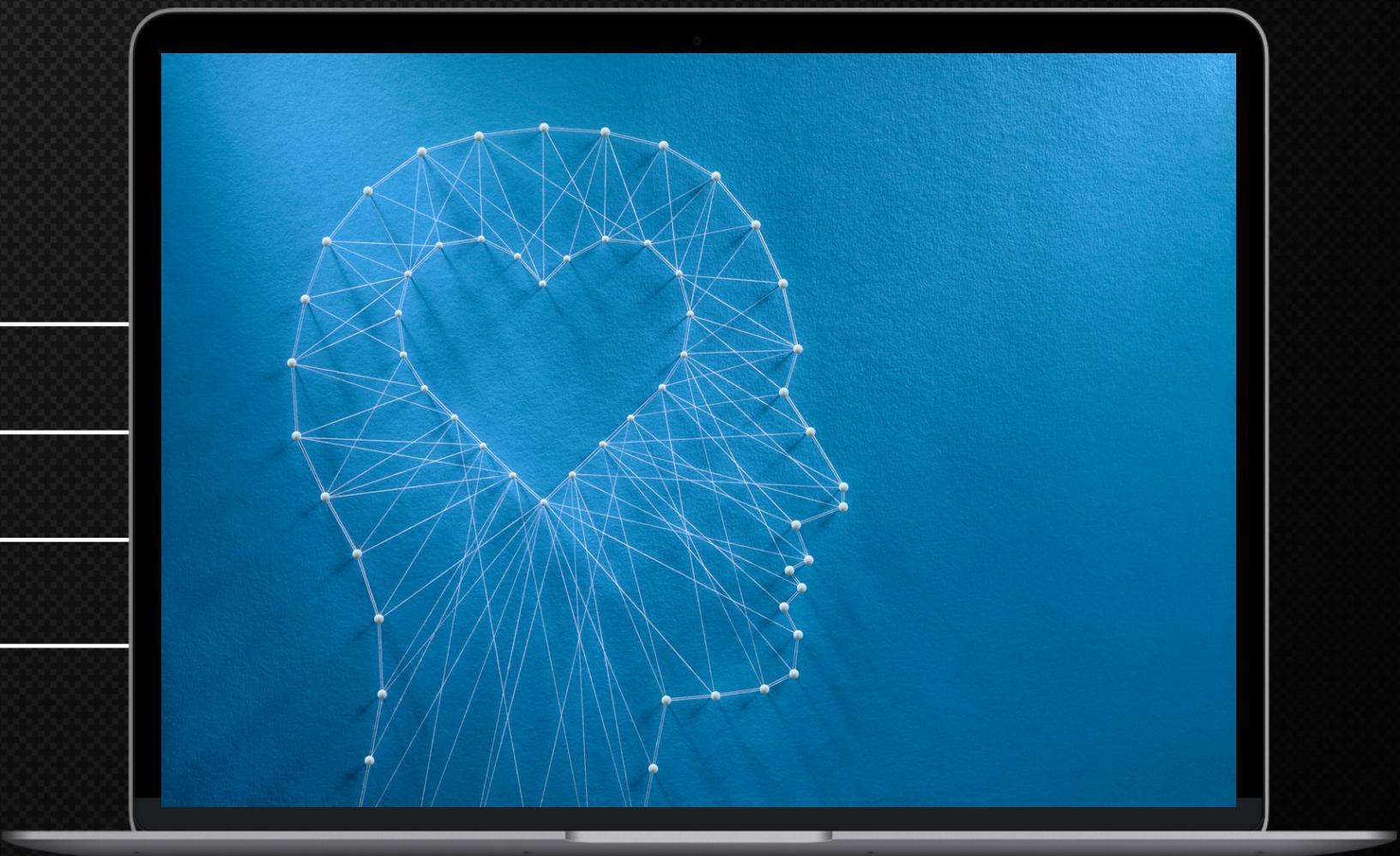
I'm beside you

Design Document

Real Time AI Face Landmark Detection



Real Time AI Face Expression Recognition





Face Detection

Face detection locate a human face from the image and return a value in terms of the co-ordinates of the bounding rectangle of the detected face



2

Landmark Detection

After detecting the face, we have go through points inside the bounding rectangle for key points

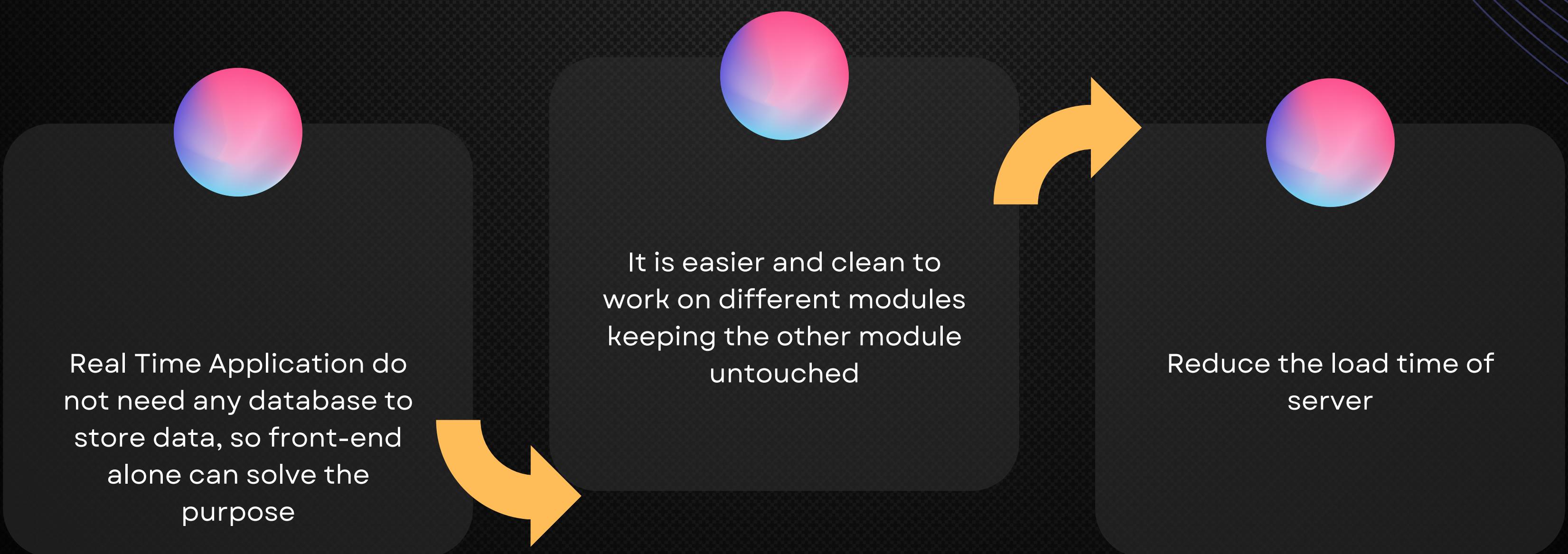


3

Expression Detection

Different emotion types are detected through the integration of information from facial expressions, body movement and gestures, and speech.

AI functionality on Front-End



Real Time Application do not need any database to store data, so front-end alone can solve the purpose

It is easier and clean to work on different modules keeping the other module untouched

Reduce the load time of server

Thank You

Sunny Kumar