

ROBOCOR'20

Project Name: Neural Stats – An Android App

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Abstract: (Max 150 Words):

In general, 49% of the population is depressed, 34% are anti-social, less interactive, of which concise approach and lesser self-analyzing power are some challenging factors. Since a "System to detect, plays the more important role than a System to treat" and thus, a successful **Mental Health Detector System** can be a better approach.

The purpose and main aim of choosing our domain as **Android** being more user-friendliness and so is the app, '**Neural Stats**'.

The App deals with three major points, 'Predictor', 'Report' and 'Doctor'.

The main functionality that the app deals with, is the **prediction** of mental health issues based on behavior/sleep pattern by prompting the user to pass through some self-counseling tests, having more accurate and efficient results and so the mental status.

After each test on domain selected, app would generate a report on the basis of test score result on domains namely, 'Anxiety', 'Depression', 'Internet Addiction', 'Aggression', 'Game Addiction' and 'Psychosis'. On the basis of the **report**, videos, motivational quotes may serve the purpose.

Also, users can make use of the **Doctors** tab provided to search for reliable nearby doctors.

MOTTO

"To help destigmatize mental health conditions and encourage users to seek the help they need".