Department of Information Science & Engineering

PROJECT SYNOPSIS

Year 2020-21

Subject/ Sub. Code: Minor Project/IS0204   **Credits: 02**

Batch No: A2   **Date: 8/09/2020**

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Project Title: Discussion platform for community support in mental health and well-being

Broad Area: Web development and Machine learning

Type of Project (Anyone of :Application, Prototype, Model, Design): Application

Objective:

A website where people can hold conversations in the form of posts.

Brief description:
Online Discussion forums or Internet forums are platforms where users can post a query and other users can answer the query. Users can hold conversations in the form of messages posted on the site.
In this project the forum focuses on a platform for queries regarding mental health issues and is further divided into sub forums based on various mental health issues and the posts related to those issues. Users can read existing questions without logging in but need to log in before posting or answering queries by other users. Users can attach images or links in the post to clarify their query. An answer can be up-voted or down-voted or commented on by users of the platform based on its accuracy. The project has the following additional features in comparison to traditional discussion platforms :
1) Users can create discussion groups
2) Users have the option of private chat
3) Speech to text and text to speech options in posting questions and answers.

Software requirements : Operating System   : Windows 7 and above, Ubuntu, Mac Os etc.
Programming Language : Python (Django framework), HTML, CSS, Bootstrap framework
Drivers   :
Tools   : Browser (Chrome, Firefox etc.)

Hardware Requirements: Processor   : Pentium and above
Memory   : 2GB and above

Any other devices :

Internal Guide 1 Name: Dr. P. Devaki Designation: Head of the Department	Internal Guide 2 Name: Mr. Shashank Dhananjaya Designation: Assistant professor

Remarks by Guide (if any):

Signature of Guide