**PANIMALAR ENGINEERING COLLEGE**



**Chennai – 600 123**

**Department of Computer Science & Engineering**

**CS 6811 - Project Work (2021 -2022)**

**ZEROTH REVIEW FORM**

**TITLE OF THE PROJECT**

Diagnosis Of Gastric Cancer Using MIFNET Algorithm

**ABSTRACT**

Gastric cancer is perhaps the most widely recognized harmful cancers with unfortunate prognostic outcome. Endoscopic assessment is primarily used for early recognition, while pathological affirmation and CT scanning are proposed for additional treatment. Gastric cancer growth stays as one of the dangerous cancers with unfortunate forecast. The overall lack of pathologists offers a one kind of chance for the utilization of artificial intelligence assistance system to help frameworks to ease the responsibility and increment diagnostic accuracy. This task fosters a strategy utilizing deep learning algorithms to anticipate the health issues like ulcer, heartburn, indigestion and nausea which includes various tests to show up the end. Progressed algorithm, MIFNET is utilized to precisely analyze the presence of illness efficiently. MIFNET is an aggregation of three distinct algorithm, called as multi task net, fusion net and global net, the aggregation of which gives precise expectation of gastric cancer without any further diagnosis. A web application utilizes React.js will be produced for getting the contribution from the client and then showing the anticipated outcome. Hence, this proposed system helps in powerful determination of gastric cancer with greater accuracy than the existing system. Subsequently, this proposed work helps in successful analysis of Gastric Cancer in various parts of the stomach with greater accuracy than the existing system.

**TECHNOLOGY**

* Google Colab
* Python
* Annotation tool
* React JS

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