E - DIAGNOSIS

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ABSTRACT

Alzheimer’s disease (AD) is a progressive degenerative disorder that attacks the brain nerve cells, which results in loss of memory, thinking, language skills and behavioral changes. Hence, the Alzheimer’s early stage detection is one of the major challenges faced by the medical field. Therefore, to this problem we here by propose a project named “E - DIAGNOSIS” which means early diagnosis. The Proposed project uses the utility of image processing on the Magnetic Resonance Imaging (MRI) scans to estimate the possibility of an early detection of AD. The basic techniques used in proposed system are feature extraction and classification. It classifies the input Magnetic Resonance Imaging (MRI) scans in to Alzheimer’s disease (AD), Cognitively Normal (CN) Or Mild Cognitive Impairment (MCI).

KEYWORDS: AD, MRI, CN, MCI