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AAYUSH KUMAR SHRIVASTAVA (2100290120003) ABHISHEK VERMA (2100290120009) ARCHIT GOEL (2100290120045) KARTIK VERMA (2100290120093)

(12) PATENT APPLICATION PUBLICATION (21) Application No.202411094175 A (22) Date of filing of Application :30/11/2024 (43) Publication Date: 17/01/2025 (54) Title of the invention: A LEARNING DISORDER DETECTION SYSTEM (71)Name of Applicant: 1)KIET Group of Institutions Address of Applicant :Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor: :G06F0016280000, G06F0003048830, (51) International 1)Aayush Kumar Shriyastaya G06Q0030020000, G16H0010600000, Address of Applicant :Computer Science Department, KIET Group of Institutions, G06V0030142000 Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad --(86) International Application No 2)Abhishek Verma Filing Date Address of Applicant :Computer Science Department, KIET Group of Institutions, (87) International : NA Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad --Publication No (61) Patent of Addition to Application Number Address of Applicant :Computer Science Department, KIET Group of Institutions, Filing Date Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad --(62) Divisional to :NA Application Number Filing Date Address of Applicant :Computer Science Department, KIET Group of Institutions, Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad -Address of Applicant :Computer Science Department, KIET Group of Institutions, Delhi-NCR, Meerut Rd Ghaziabad Uttar Pradesh India 201206 Ghaziabad --The present invention relates to a learning disorder detection system [100]. The system [100] comprises a user interface [102] to enable a user to upload a document, the present invention relates to a tearning insorted teaction system [100]. The system [100] consisting of a sample of texts handwritten by the user. The user interface [102] further enables the user to solve a quiz-based assessment. Further, a database [106] stores the uploaded document, which is further accessed by a processor [110] communicatively coupled to the user interface [102] and the database [106]. The processor [110] then converts the handwritten text into a digital format and further determines the one or more anomalies in the handwritten texts. Further, the processor [110] calculates an overall assessment score from the solved quiz-based assessment, and accordingly identify a learning disorder condition of the user, based at least on the one or more parameters and the overall assessment score. Refer to FIG. 1 No. of Pages: 17 No. of Claims: 10