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<p>(51) International classification :B60W 500000, G06F 111000, G06Q 101000, H04N 191390, H04N 195130</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)MISHRA, Saket Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>2)PANDEY, Sakshi Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)KUMAR, Naveen Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

The present invention provides a system (100) to predict the employability of an individual based on various data inputs, such as academic performance, core competencies, skill sets, and job demand. The system includes an input unit (102) to receive the data, a processor (104) to execute a set of instructions using at least one predictive algorithm, and a personalized recommendation module to generate recommendations based on the strengths and weaknesses of the individual. Additionally, the system can collect and store a large dataset of data for training the predictive algorithm, detecting employability rates of a country, and recommending techniques to reduce unemployability. Further, a user interface module is also included to display the employability score and recommendations to the individual. The system is capable of transmitting the generated employability score to one or more entities, such as HR professionals and career counselors, to assist with employment decisions.

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