

Project Design Phase-II Data Flow Diagram & User Stories

Date	26 October 2022
Team ID	Team-593209
Project Name	Predicting Mental Health Illness Of Working Professionals Using Machine Learning
Maximum Marks	4 Marks

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Human Resources Manager	Predicting Mental Health Illness Of Working Professionals Using Machine Learning	USN-1	As a Human Resources Manager, I want to identify employees who may be at risk of mental health issues early on, so I can provide them with appropriate support and resources to maintain their well-being and job satisfaction.	<ul style="list-style-type: none"> The system should accurately identify employees at risk of mental health issues based on historical data and real-time inputs. HR managers should receive timely alerts or notifications about at-risk employees. The system should provide recommendations for appropriate support and resources tailored to the individual needs of each employee. HR managers should be able to access and review historical data 	High	1.0

				and trends regarding mental health concerns in the workforce.		
working professional		USN-2	As a working professional, I want to receive personalized recommendations for stress management and mental health self-care based on my daily activities and behavior, so I can proactively address potential mental health concerns.	<ul style="list-style-type: none"> • The system should collect and analyze daily activities and behavior to assess the user's mental health. • Personalized stress management recommendations should be provided based on the user's data. • Recommendations should be clear, actionable, and accessible via a user-friendly interface. • Users should have the option to provide feedback and update their preferences for the recommendations. 	High	1.0
team lead		USN-3	As a team lead, I want to receive alerts and insights on the mental health status of my team members, so I can make informed decisions about workload distribution and adjust team dynamics to promote a healthier work environment.	<ul style="list-style-type: none"> • The system should provide real-time insights on the mental health status of team members. • Alerts should be sent to the team lead when concerning trends or changes are detected. • The system should offer guidance on workload distribution and team dynamics adjustments to promote 	Low	1.0

				<ul style="list-style-type: none"> a healthier work environment. Team leads should be able to track the effectiveness of implemented changes in the system. 		
employee		USN-4	As an employee, I want a confidential and anonymous platform where I can report my feelings and emotional state, and receive tailored advice or interventions, without fear of negative repercussions in the workplace.	<ul style="list-style-type: none"> The system should offer a confidential and anonymous reporting platform for employees. Employees should be able to report their feelings and emotional states without fear of identification. The system should provide immediate responses with tailored advice or interventions. Reporting should result in a follow-up mechanism or further support if required. 	Medium	1.0
company executive		USN-5	As a company executive, I want to track and analyze the overall mental health trends and statistics among our workforce, so I can make data-driven decisions to improve the mental health and well-being of our employees and increase productivity and job satisfaction.	<ul style="list-style-type: none"> The system should track and analyze overall mental health trends and statistics in the workforce. Executives should be able to access historical data and visualize trends through a user-friendly dashboard. The system should facilitate data-driven decision-making by 	High	1.0

				<div>offering insights and suggestions for improving employee mental health.</div> <ul style="list-style-type: none">• Data should be kept secure and comply with privacy regulations.		
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