

Project Design Phase-II
Data Flow Diagram & User Stories

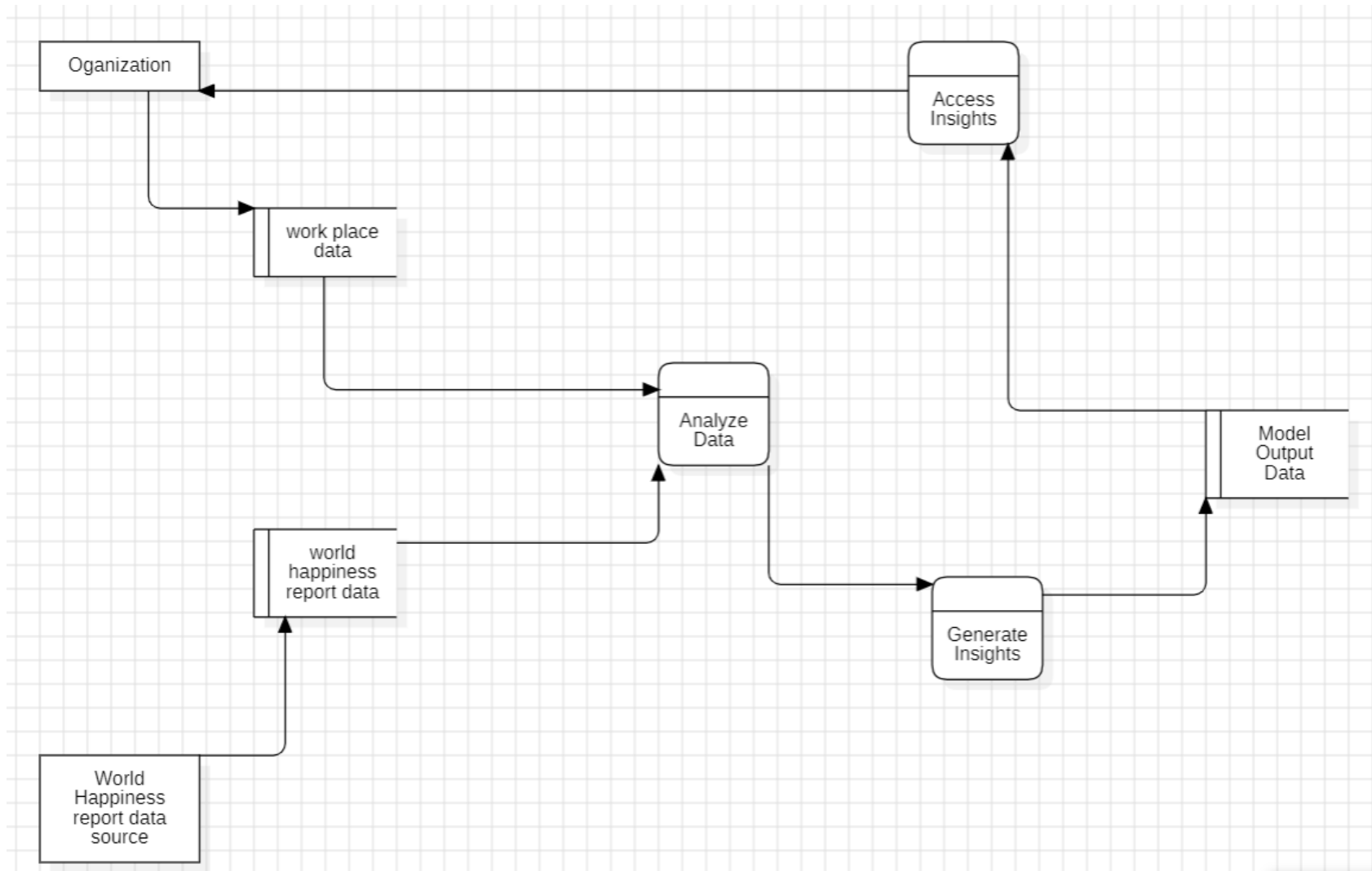
Date	21 October 2023
Team ID	Team-592621
Project Name	World Happiness Report
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Data Flow Diagram for World Happiness Report

1. Data flows from Organizations to Workplace Data Store and from World Happiness Report Data Source to Happiness Data Store
2. Data flows from Workplace Data Store and Happiness Data Store to the process analyze data then the analyzed data goes to the process to generate insights.
3. Modified data now flows to Model Output Data Store
4. When organizations call the process access data the data moves from model output data store to organizations



User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
HR Manager	Registration	USN 1	As an HR Manager, I want to register for the platform.	The registration process should be straightforward, collecting necessary information and creating a secure account.	High	Sprint 1
	Subscription	USN 2	As an HR Manager, I want to subscribe to the platform.	I should be able to choose a subscription plan, provide payment details, and receive confirmation of my subscription.	High	Sprint 1
	Dashboard	USN 3	As an HR Manager, I want to access my dashboard.	I should be able to access options like uploading employee data, reports, suggested policies, etc.	Medium	Sprint 2
	Uploading Employee data	USN 4	As an HR Manager, I want to upload employee data.	The platform should allow me to upload employee information, including names, positions, and relevant metrics securely and in bulk.	High	Sprint 1
	Happiness Reports	USN 5	As an HR Manager, I want to receive automated reports on employee well-being trends.	I should be able to set up automated reports to be sent to my email on a weekly	High	Sprint 1

				basis. The reports should include trends, anomalies, and policy recommendations.		
	Recommendation	USN 6	As an HR Manager, I want to generate customized policy recommendations for improving employee well-being.	I should be able to input specific company goals and constraints, and the platform should provide tailored recommendations for policy adjustments.	Medium	Sprint 2
IT Administrator	IT Management and System Maintenance	USN 7	As an IT Administrator, I want to ensure the secure and seamless integration of workplace data into the platform.	I should be able to set up data integration pipelines, validate data accuracy, and schedule regular updates. The system should support various data formats and ensure data encryption in transit.	High	Sprint 1
		USN 8	As an IT Administrator, I want to manage user access and permissions.	The platform should adhere to security best practices, including encryption, access controls, and regular security audits. I should receive alerts for any security breaches.	High	Sprint 1
		USN 9	As an IT Administrator, I want to ensure system performance and reliability.	I should monitor system performance, address any performance issues promptly, and apply software	High	Sprint 1

				updates and patches to maintain system reliability.		
			As an IT Administrator, I want to set up backup and recovery procedures.	I should implement data backup procedures and test data restoration. The platform should have robust backup and recovery capabilities to safeguard data.	Medium	Sprint 1
			As an IT Administrator, I want to set up monitoring and alerts.	I should configure monitoring tools to track system performance, detect anomalies, and receive real-time alerts for system failures, security breaches, or performance issues.	High	Sprint 1