

Project Design Phase-I

Solution Architecture

Date	9 November 2023
Team ID	Team-591562
Project Name	WCE Colon Curated Disease Classification using Deep Learning
Maximum Marks	4 Marks

Solution Architecture:

WCE – Wireless Capsule Endoscopy is to identify the symptoms of the disease inside the colon. Our model is to scan the images to recognise the patterns and detect the issue. Basically, the analysis of the images manually is a time taking process, where we will be replacing it with our model. It detects the patterns of the images taken during the scanning process and generates the report.

This process involves creating a framework that encompasses hardware, software, data management, and communication components. This aims to create a seamless and secure process for WCE, ensuring efficient data capture, reliable transmission, accurate analysis, and accessible information for both healthcare providers and patients.

Solution Architecture Diagram:

