

Project Initialization and Planning Phase

Date	15 March 2024
Team ID	SWTID1720110142
Project Name	SportSpecs: Unraveling Athletic Prowess with Advanced Transfer Learning for Sports
Maximum Marks	3 Marks

Problem Statements (Customer Problem Statement Template):

Implement advanced transfer learning techniques to analyze athletic performance in various sports. By leveraging deep learning models trained on diverse datasets, this project aims to unravel key performance indicators, optimize training strategies, and enhance athletic prowess across different disciplines.

Customer Problem Statement Template				
I am	I'm trying to	But	Because	Which makes me feel
an athletic trainer	assess athletes' strengths and weaknesses across different sports	it is difficult to get comprehensive data	current methods are time-consuming and lack specificity	frustrated
a sports coach	enhance player recruitment and tactical planning	the analysis is not comprehensive enough	existing analytics do not leverage advanced techniques like transfer learning	concerned about missing out
a sports science researcher	conduct interdisciplinary research on athletic performance	there is limited integration of diverse data	current research methods do not fully utilize the potential of advanced transfer learning models	hindered in my research efforts

