

Project Initialization and Planning Phase

Date	4 July 2024
Team ID	SWTID1720000747
Project Name	Detection Of Autistic Spectrum Disorder: Classification
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

The current ASD diagnostic process challenges parents, impacting their journey and overall satisfaction. Parents, especially those seeking early diagnosis for their children, encounter hurdles such as lengthy waiting times, high costs, and limited access to healthcare professionals. These challenges lead to a less-than-optimal customer experience, potentially affecting trust and satisfaction. To enhance our services and improve customer perceptions, we aim to address these pain points. By understanding parents' specific frustrations during the diagnostic journey and implementing solutions, we can create an efficient, user-friendly experience that aligns with our customers' expectations and fosters a positive relationship with our brand.

I am	I'm trying to	But	Because	Which makes me feel
Parent of a young child showing signs of development delay	Get an accurate and timely diagnosis to understand if my child has Autism Spectrum Disorder (ASD)	The current diagnostic process is lengthy, costly, and difficult to access	There are limited healthcare professionals available, long waiting times, and high costs associated with comprehensive evaluations	Anxious, frustrated, and helpless as I struggle to get the support my child needs as early as possible

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	an adult who suspects I might have Autism Spectrum Disorder (ASD)	find a reliable and accessible way to get screened for ASD	most diagnostic tools and services are designed for children and are not easily accessible or affordable for adults	the existing systems do not cater to the unique needs of adults seeking a diagnosis	overlooked, isolated, and uncertain about how to proceed with getting the help and support I need

PS-2	a healthcare provider working with children who may have Autism Spectrum Disorder (ASD)	efficiently and accurately diagnose ASD in my patients to provide them with timely intervention and support	the diagnostic process is cumbersome, requiring extensive time and specialized training	traditional assessment tools are not user-friendly and involve lengthy procedures	overwhelmed and concerned about the delays in delivering the necessary care to my patients
PS-3	a caregiver of an individual with Autism Spectrum Disorder (ASD)	access ongoing support and resources to help manage the condition effectively	finding reliable information and resources tailored to our specific needs is challenging	there is a lack of centralized and accessible platforms that provide comprehensive support for caregivers	stressed, unsupported, and unsure about the best ways to assist my loved one