## PROJECT DESIGN PHASE 2

## **CUSTOMER JOURNEY MAP**

Team ID	PNT2022TMID52395
Project title	Classification Of Arrhythmia By Using Deep Learning With 2-D ECG
	Spectral Image Representation

STAGE	Awareness	Consideration	Decision	Service
Customer	The	Consider the	They decides to	They can
Action	customer get	normal and the	detect the	contact the
(Entry)	aware	75% of these	arrhythmia at the	the specialist
	By	deaths occur in	early stage to	doctoe in
	conducting	low and	preserve	arrhythmia
	special	middle-income	classified.	diagnosis.
	Campaigns,	countries.		
	public			
	awareness			
	and religious			
	Sermons.			
<b>Touch points</b>	Media and	Training	Detect the ECG	Arrhythmia
	awareness	camps to	sinewaves by using	By Using
	programs.	prevent the	an Spectral	Deep Learning
		new	Image system or	With 2-D ECG
		new	by	Spectral Image
		generation.	sending an email.	Representation
Customer	Some	locate the heart	They plan to	The customer
Experience	effective	in	detect the	can
	ways to	sinewave are	effective	satisfy the
	communicate	fibrillation, and	electrocardiogram	model.
	with the	tachycardia.	(ECG) a Deep	
	heart		Learning model.	
	rhythms			
	about			
	diseases			
	through			
	presentations			

	etc			
Key	They will	All the public	By World Health	By providing
Performance	monitor how	should be	Organization (WHO)	an early
	the image	classified	are	warning
	program	the	cardiovascular	notification,the
	is reaching	convolutional	diseases (CVDs)	fire
	to the	neural network	continuous	service will
	customer.	(CNN) being	arrhythmia beats can	detect
		normal	result.	and stop it.
		in user.		