

Project Design Phase-II

Data Flow Diagram & User Stories

Date	09 November 2022
Team ID	PNT2022TMID27708
Project Name	Project – Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

SCENARIO	Entice	Enter	Engage	Exit	Extend
Real-Time Communication System Powered By AI For Specially Abled	How does someone initially become aware of this process?	What do people experience as they begin the process?	In the core moments in the process, what happens?	What do people typically experience as the process finishes?	What happens after the experience is over?
Steps What does the person (or group) typically experience?	<div>Searching for related app</div> <div>Efficiency of application</div> <div>visits known languages</div> <div>checks other facilities</div>	<div>Account sign in/sign up</div> <div>Selects required Language</div> <div>selects - Specially disabled or -Normal people</div> <div>selects captioning option</div>	<div>Real time translation</div> <div>Conversion of signs to voice</div> <div>Conversion of speech to sign</div> <div>Displays captions</div>	<div>Sign out</div> <div>Submit reviews</div> <div>stores usage information in user profile</div> <div>personalise profile</div>	
Interactions What interactions do they have at each step along the way? <ul style="list-style-type: none"> People: Who do they see or talk to? Places: Where are they? Things: What digital touchpoints or physical objects would they use? 	<div>Communication between specially disabled and normal people</div> <div>Language section for selecting languages translation</div> <div>communication section involves webcam and microphone access</div> <div>communication section of website, IOS app or android app</div>	<div>Email account for sign in process</div> <div>Language section for selecting languages translation</div> <div>communication section of website, IOS app or android app</div> <div>communication section of website, IOS app or android app</div>	<div>communication section of website, IOS app or android app</div> <div>Communication section with webcam and microphones</div> <div>Communication section with webcam and microphones</div> <div>communication section of website, IOS app or android app</div>	<div>Email account for sign out process</div> <div>communication section of website, IOS app or android app</div> <div>client database to store information</div> <div>communication section of website, IOS app or android app</div>	
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")	<div>Help me get a best app</div> <div>Help me get a app which is easy to use</div> <div>Help me avoid getting wrong app</div> <div>Help me avoid getting inaccurate application</div>	<div>Help me to have easy signing in option</div> <div>Help me to get a app with all languages</div> <div>Help me to get the translation simpler</div>	<div>Help me all the translations are done properly</div> <div>Help me the signs of recognize easily</div> <div>Help me to have all the requirements needed</div>	<div>Help me to have a good experience using the app</div> <div>Help me to give all the review for the use of app</div> <div>Help me to join more people using this app</div> <div>Help me have the data used stored</div>	
Positive moments What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	<div>Existing review of this app</div> <div>Front end UI for the user</div>	<div>Experience of the app</div> <div>User having a simple interface</div>	<div>Having a better experience in real time use</div> <div>Accessing of app by both are easy</div>	<div>Getting a good comment on the application</div> <div>Data are stored and can be accessed later</div>	
Negative moments What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	<div>Having previously bad experience</div> <div>Ignoring without checking out the features</div>	<div>Mistake cause by the user while entering details</div>	<div>Disturbance caused in the background may interfere</div>		
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	<div>Advertising existing use review on the app</div> <div>Showing the features available in application</div> <div>Having multiple languages</div>	<div>Use of application for all age criteria</div> <div>Making easy for the users to sign in</div>	<div>Accuracy of real time translation</div> <div>Less amount of translation time</div> <div>Captions for all language</div>	<div>Updating the application based on customer review</div> <div>Reviewing user experience based on scale of 10</div>	