

A Novel Method for Handwritten Digit Recognition System

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Browsing, booking, attending, and rating a local city tour	Entice How does someone initially become aware of this process?	Enter What do people experience as they begin the process?	Engage In the core moments in the process, what happens?	Exit What do people typically experience as the process finishes?	Extend What happens after the experience is over?
Steps What does the person (or group) typically experience?	The client is navigated to the website's upload section The customer has to upload the image if they has the soft copy of the image The customer is supposed to scan the handwritten digits	Start uploading/ Scanning images Experience the output The image can be uploaded or scanned by the customer. The consumer will be given the disgusted output for their specific input.	Checks whether the customer has uploaded the correct image After checking the image, it will start processing the image. After successful recognition of digits, the customer will be satisfied, since they got their results correctly.	After the correct recognition of digits, the customer will be satisfied for sure.	Personalized Recommendation After experiencing the website, the customer can share information with their friends.
Interactions What interactions do they have at each step along the way? People: Who do they see or talk to? Places: Where are they? Things: What digital touchpoints or physical objects would they use?	Website section for uploading images Scan the website's image section Website area for digital output	Pictures on a website can be uploaded or scanned Results section	Pop up website message. Website's output part.		
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me" or "Help me avoid")	Assist me in locating the correct webpage. Help me recognize these handwritten numbers Assist me in preventing incorrect handwritten digit recognition	Assistance in scanning or uploading the images Assistance in identifying the numbers.	Assist me in determining whether the provided image is accurate or not. Provide some confidence with known digits.		
Positive moments What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	When the digits are accurately identified, it is exciting When the digits are quickly identified, it is beneficial and productive	It is very critical to get a very accurate digit recognition. When digits are identified it is exciting and enthusiastic	This application typically works well since it correctly recognizes the dig. We get satisfaction when we receive right results.	People leave the website with utmost satisfaction.	We believe that people appreciate these suggestions because they are satisfied.
Negative moments What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	Sometimes, people upload incorrect images. Some people show some anxiety about having their numbers identified accurately. People might post images that blurry by nature.	Uploading or scanning the images could be difficult for certain people.	Some individuals have difficulty in uploading or scanning the images. While the image is being scanned, people experience peer pressure.		
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	If the wrong photographs are posted, might we receive an error message Could we receive a notice when the image is appropriately identified.	Could we receive the image we uploaded	Could you provide any assistance for the process	Could you provide a history of recognized digits.	How can we tell if a customer is happy and satisfied.