

Date	08 October 2022
Team ID	PNT2022TMID06143
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Mark	4 Marks

<div>SCENARIO</div> <div>A Novel Method for Handwritten Digit Recognition System</div>	<div></div> <div>Entice</div> <div>How does someone initially become aware of this process?</div>	<div></div> <div>Enter</div> <div>What do people experience as they begin the process?</div>	<div></div> <div>Engage</div> <div>In the core moments in the process, what happens?</div>	<div></div> <div>Exit</div> <div>What do people typically experience as the process finishes?</div>	<div></div> <div>Extend</div> <div>What happens after the experience is over?</div>
<div></div> <div>Steps</div> <div>What does the person (or group) typically experience?</div>	<div><div>Find Solution</div><div>People in banking sector need some software to detect the hand written digits in cheque</div></div> <div><div>Listing Requirements</div><div>Customer need a camera or scanner to take digital copy and good internet connection</div></div>	<div><div>Browsing the UI</div><div>The user browsing the User Interface of the software</div></div> <div><div>Learning</div><div>Learns how to use the software</div></div> <div><div>Testing</div><div>The User test the software, whether it is giving 100% correct result</div></div>	<div><div>Starting to use in real time</div><div>Once the customers satisfied with the result they begin to use it in real time scenario</div></div> <div><div>Experiencing</div><div>Customer feel comfortable to use the software</div></div>	<div><div>Feedback</div><div>While leaving the software a feedback will be pop up to record the customer experience</div></div> <div><div>Submitting of feedback</div><div>User will write and submit the feedback and those are recorded for future development</div></div>	<div><div>Routine usage</div><div>once user trust the software, he will make routine to use this software</div></div>
<div></div> <div>Interactions</div> <div>What interactions do they have at each step along the way?<ul style="list-style-type: none"><li>■ <b>People:</b> Who do they see or talk to?</li><li>■ <b>Places:</b> Where are they?</li><li>■ <b>Things:</b> What digital touchpoints or physical objects would they use?</li></ul></div>	<div><div>Interact with other banker who is using this software</div><div>Visit the website</div><div>Send the photos to website.</div></div>	<div><div>Interact with UI</div><div>Getting Knowledge about the Software</div></div>	<div><div>Customizing the Settings</div></div>	<div><div>Changing the setting that worked wrong</div><div>Verifies the Changed settings</div></div>	<div><div>Recommend this software to other bank employees and friends</div></div>
<div></div> <div>Goals &amp; motivations</div> <div>At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")</div>	<div><div>To reduce the workload of manual entering of handwritten digits in cheque</div><div>Error free output</div></div>	<div><div>To learn about software</div><div>Practice to upload images</div></div>	<div><div>To avoid complexity</div><div>To get digital digits</div></div>	<div><div>To verify the accuracy of the software</div><div>Trying to improve the software usage</div></div>	<div><div>Tweaking some configuration</div></div>
<div></div> <div>Positive moments</div> <div>What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?</div>	<div><div>work can be easily done</div><div>Scanner or camera is enough</div></div>	<div><div>Good and friendly UI</div><div>No big configuration needed</div></div>	<div><div>Mostly accurate</div><div>Best performance</div></div>	<div><div>Less time consuming</div></div>	<div><div>It is a productive environment used in various department</div><div>Worth to suggest to other friends and colleagues</div></div>
<div></div> <div>Negative moments</div> <div>What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?</div>	<div><div>Accuracy is questioned</div></div>	<div><div>Image quality is questioned</div></div>	<div><div>Will camera of any quality is ok</div></div>	<div><div>Internet connection is needed</div></div>	<div><div>It is addictive software</div></div>
<div></div> <div>Areas of opportunity</div> <div>How might we make each step better? What ideas do we have? What have others suggested?</div>	<div><div>Increases productivity in various field</div><div>We can use this for many other usage</div></div>	<div><div>To increase the performance</div><div>To make better UI</div></div>	<div><div>Feedback can be obtained</div></div>	<div><div>We can collect all the transaction in digital form</div></div>	<div><div>We can improve the software using the feedback</div></div>