

This is the journey of a

Game-Changer

Game changers are people who introduce new practices to their organizations. They want inspire others to co-create and innovate together.

What are their key goals and needs?

To recognise human handwritten digits

To recognise digits without the help of a keyboard

to predict handwritten digits with maximum accuracy

What do they struggle with most?

fear about the correctness of digits

complexity

fear about usage in real time

What tasks do they have?

to introduce neural networks for easy understanding

to collect more datasets

to identify digits automatically

Journey Steps Which step of the experience are you describing?	initialization stage Why do they even start the journey?	registration Why would they trust us?	Onboarding and First Use How can they feel successful?	Sharing Why would they invite others?
Actions What does the customer do? What information do they look for? What is their context?	<div>to identify and initialize human handwritten digits from different sources</div>	<div>identify digits though digits were written by different people</div> <div>searches for a good detection method</div> <div>hard task for a machine</div>	<div>uploading images</div> <div>suggesting others to use</div> <div>predicts the correct output</div> <div>using different variety of writing</div>	<div>helps other people to use</div> <div>gives most accurate output</div> <div>solves people's difficulties</div>
Needs and Pains What does the customer want to achieve or avoid? <i>Tip: Reduce ambiguity, e.g. by using the first person narrator.</i>	<div>identify digits fast and effective</div> <div>not always accurate</div>	<div>digits are not always of same size,orientation etc.</div> <div>identifies digits thus making human job easier</div> <div>poor images of digits</div>	<div>convenient and adaptable</div> <div>requires great variety of styles,sizes</div> <div>easily accessible</div> <div>produces a rich description of writing</div>	<div>predicts correctly</div> <div>makes human job easier</div> <div>fear about correctness of digits</div>
Touchpoint What part of the service do they interact with?	<div>to identify and recognize human handwritten digits to make human job easier</div>	<div>recognizes digits to use in different real time applications</div> <div>detects scanned images of human handwritten digits to use in automatic processing</div> <div>visualizes artificial neural networks</div>	<div>perform digit recognition to identify handwritten digits</div> <div>use of neural networks</div> <div>handles and performs recognition of digits</div> <div>analysis of different digits</div>	<div>people resolving their problems easily</div> <div>effective way for recognizing digits</div> <div>user friendly</div>
Customer Feeling What is the customer feeling? <i>Tip: Use the emoji app to express more emotions</i>	<div>🤖</div>	<div>🤔</div>	<div>😞</div>	<div>🎉</div>
Backstage				
Opportunities What could we improve or introduce?	<div>Increase/decrease a leading metric by proper analyzation</div>	<div>Increase/decrease a leading metric by good features</div>	<div>Increase/decrease a leading metric by making clear decision</div>	<div>Increase/decrease a leading metric by improving requirements</div>

What changes for them?

Outcome

Describe how the life and environment of the customer changes once they used the product or service.

What are they able to do now?

identify human handwritten digits automatically by handwritten digit recognition

recognizes handwritten digits with maximum accuracy

used in online digit recognition

What can they finally avoid doing?

avoid usage of other applications

avoid overfitting

avoid using other technologies

What changed in my environment?

usage of handwritten digit recognition in automatic processing like recognizing zip codes for postal mail sorting etc.

effective in obtaining maximum accuracy

reduces task for a machine