Document an existing experience

Narrow your focus to a specific scenario or process within an existing product or service. In the Steps row, document the step-by-step process someone typically experiences, then add detail to each of the other rows.

Date: 27th October 2022
Team ID:PNT2022TMID24563
Project Name-Early Detection Of Chronic Kidney Disease Using Machine Learning
Maximum Marks-4 Marks

SCENARIO

Browsing, booking, attending, and rating a local city tour

SCENARIO: Early detection of Chronic Kidney Disease using Machine Learning	**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?	By creating awareness among people about kidney diseases and its seriousness Letting them know the benefits of early detection and prevention Informing them about existing methods to detect CKD Infusing them with the advantages of Machine Learning model	Initially, the symptoms are not shown The test reports may contain any variations from normal value At later stages the patient may experience severe pain	Test reports are checked for any variations Appropriate values that model seeks is provided for detection	After the required inputs are provided to the model, it starts detecting It provides the output as how much the kidney is affected and in which stage the patient is now	Once the detection is done, the necessary treatment is given Once the treatment is given patients are relieved from the tension and pain
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?	Patience may use on their own to check on how their disease is cured based on treatment It helps them to improve their treatment based on patient's condition Doctors use the model to check on which stage is the patient now	By deploying the model through appropriate tech stack the results are provided to the users Users will feed the input to the model through user friendly UI	After deploying it can be used from anywhere In testing labs or by the patient at their locations	By deploying it as a simple web applications it can be used in any devices Such as through laptops, phones, Tablets, PCs etc	By making the model available as a website it is more useful it is easy to monitor the condition of the disease in every stage
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")	To detect CKD at early stages To get cured from CKD	To reduce cost To save time	To provide painless detection technique To eliminate human errors	To prevent severe damage of kidney To monitor the condition of the patient regularly	To provide relief from painless procedure To help patient lead a healthy life
Positive moments What steps does a typical person ind enjoyable, productive, fun, motivating, delightful, or exciting?	Early detection helps patients to relieve from the disease at the early stage	It helps prevent patients' kidney from severe damage	Proper treatment helps patients for faster recovery	The patient may feel confident as the model's result will be error free	Make patients free from pain and tension and helps them lead a healthy life
Negative moments What steps does a typical person ind frustrating, confusing, angering, costly, or time-consuming?	One may think what if model's prediction goes wrong?	Later detection may lead to severe pain and even death	Doctors should understand the results and patient's condition and should provide proper treatment	For some medications provided patient's body may show some side effects	One may think why should I waste my money in this model?
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	It can be used in hospitals to detect CKD	It can also be used by the patients to detect CKD by providing appropriate input from their test reports	Patients can also use this model to know the condition of their kidney during treatment	It can also be used as web application through online	After deployment, it can also be used as Application