Guided city tours

Team ID: PNT2022TMID38943 Project Name: Smart Waste Management for Metropolitan Cities



SCENARIO

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



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?

The core moments



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?

Step-1 Awareness

when the project has been published, the people should have proper awareness about project.

Step-2 project

The awareness should make well known about the project.

Step-3 Initiating the project

User can login by using member id, mail id, password.

Check the login credentials. If the login credentials are correct move next page.

Step-4

Confirmation

Facing the issues includes the sensor activities and the cloud People may face server. The people may issues in internet not experience difficulty connectivity and most of the time as the delays in collection system is efficient.

Step-5

of waste.

Next would be waste detection and collection within the city in trucks. communicate to truck drives in case of

in a scheduled time people can

their experiences surrounds neat. clean and hygienic consuming and it is they can breath efficient one.

They may feel that is

The people may get use to it and feel the system is useful, then they tend to use that in their day today life.

People may experience their urrounds neat, clean Avoid pollution of



Interactions

What interactions do they have at each step along the way?

People: Who do they see or talk to?

physical objects would they use?

Places: Where are they? Things: What digital touchpoints or

Interaction with every person may not be possible always may be we can get queries from people individually if any problem occurs

nteraction with a place sharing and timely collection of garbage wastes in the city

Interaction with everything is very important.

Sometimes the people may face lack of internet connectivity where the connect may lost.

Correct location monitoring for bin's is needed with proper monitoring. So avoid the confusion over the places.

AS already discussed, the sensor and cloud processors can be monitored by admin and co-admins of the project

Place and location can be monitored by nsors, admin officials and by truck drivers

> Garbage collection and detection can be monitored by sensors

People may feel the project is more useful and eco friendly while are experiencing them.

They people may feel the environment is neat and clean.

an easy way of

disposal, time

People experience surrounds clean and hygienic.

their

Government recommended this kind of system for other kind netropolitan cities too.



Goals & motivations

At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...") Step-1

The person need to get aware of system by getting educated

Step-2

The people may get aware of things about the system.

To minimize waste production. Ensuring right garbage managing practices ultimately help us to minimize the scrap generations

The 3'R of waste management Reduce, Recycle may help people when they begin their process.

processors may motivate an environment towards updated technology.

The core

The core processors may make the process simple and reliable.

to it and the separation of waste may help people way to dispose their waste

They become used

If people may tent to experience any issue regarding waste disposal sometimes while on process.

People may feel that the system is useful.

People may fell pollution free environment.



Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

A clean environment Provides happiness and excitement in people's mind as they breath fresh oxygenated air.

The motivation factor here is time consumption as they care of the other works and teaches healthy environment for next generation.

They feel motivated and excited while begin the process

They feel that the process is the consuming and efficient

Waste impacts the environment indirectly. So, this can be addressed in a positive way by planning

Waste also represents an economic loss and burden to our society.

As the process finishes, the amount of waste we generate is closely linked to our consumption and production pattern

As an out come, air pollution, climate change, soil and water contaminated is reduced

Poor waste management caused due to poor system configuration.

Negative moments

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

Illiteracy in the system design and process may lead to waste of the whole system

Negative should be made positive in a better way to make the system efficient. This also causes significant harm and wildlife when we dump wastes in sea and sea

Waste impacts the environment indirectly as well as well even through that people are aware of system

Disease spreading can be addressed by bacteria detecting sensors, then we can take actions accordingly

When process finishes still some confusions will be there in system and so, that should be addressed in proper timing.

Pollution may become a major cause which makes the system even collapse

Improper management of system may make the project less efficient



Areas of opportunity How might we make each step

better? What ideas do we have? What have others suggested?

Simple, the idea what I suggest to create an efficient

At the beginning, all others will say that the system is new so,the cost and design not be good.

At the very beginning people may tend to face some issues.

No one will say no for clean and neat environment.

Other process comes under proper management of project system

experience the full efficiency of the system and the system's flexibility

People do

People fell that the system is useful and recommend that systemto other metropolitan cities too

People may fell pollution environment

Surely, this system provides the better solution of waste disposal to make better tomorrow.