**Determine The Requirements (Customer Journey Maps)**   
1: Mushroom Persona Enthusiast

User Background:

* A hobbyist interested in learning about different mushroom species.
* Wants to identify and classify mushrooms found during nature walks and hikes.

Customer Journey Map:

1. Awareness:

* User learns about the Mushroom Species Classification AI Project through online forums, social media, or word-of-mouth recommendations.

1. Research and Consideration:

* User explores the project's website or mobile app to understand its features and capabilities.
* User reads reviews and testimonials from other mushroom enthusiasts who have used the system.

1. Interaction with the System:

* User visits the application's user interface and uploads a photo of a mushroom for classification.
* User eagerly awaits the classification result and engages with additional information about the identified species, including habitat, edibility, and medicinal properties.

1. Satisfaction and Engagement:

* User is delighted with the accurate classification result and finds the additional species information informative.
* User shares their positive experience with the Mushroom Species Classification AI Project on social media platforms or online communities.

1. Persona 2: Forager

User Background:

* A forager who collects mushrooms for culinary purposes.
* Wants to ensure the mushrooms they gather are safe for consumption.

Customer Journey Map:

1. Awareness:

* User discovers the Mushroom Species Classification AI Project while researching safe mushroom identification methods online.

1. Research and Consideration:

* User explores the project's website or mobile app to understand its accuracy and reliability in identifying edible mushrooms.
* User reads testimonials or reviews from other foragers who have used the system successfully.

1. Interaction with the System:

* User takes a photo of a mushroom they have found during their foraging trip and uploads it to the application for classification.
* User carefully examines the classification result and cross-references it with additional information about edibility and look-alike species.

1. Satisfaction and Engagement:

* User feels confident in the classification result and proceeds to cook or consume the identified edible mushroom.
* User provides feedback on the system's accuracy and usefulness, helping to improve the overall performance and user experience.

The customer journey maps provide insights into the requirements and expectations of different user personas in the Mushroom Species Classification AI Project. These requirements can help shape the system's features, accuracy, user interface, and additional information provided for each identified mushroom species.