**Trained Model**

**Random Forest**

Laptop Price Prediction

**Prediction result**

**Web Application**

|  |  |
| --- | --- |
| **Use case name** | **System** |
| **Actor** | **User** |
| **Description** | **User can be login** |
| **Pre-Condition** | **User must be logged in.** |
| **Main flow** | **a)Enter user name & password**  **b)logged in**  **c) can add to-do list**  **d)List will displayed**  **e)They can checked the task**  **f)Delete the task**  **g)logged out** |
| **Successfully login** | **Login successfully.** |

PRE-PROCESSING

USER INPUR

RANDOM FOREST

FINAL MODEL

PREDICTED OUTPUT

Training DATA

TEST DATA

Output

Feature Engineering

Applying Multiple Model

Admin

<<include>>

Data Preprossessing

<<include>>

Data Splitting

Data Cleaning

Raw Data

Import Dataset

|  |  |
| --- | --- |
| **Use case name** | **Use Case Admin** |
| **Actor** | **Admin** |
| **Description** | **The Use case describe the role of admin** |
| **Pre-Condition** | **User must be put correct specification** |
| **Main flow** | 1. **Import data**   **b)Raw Data**  **c) Data Processing**  **d)Data Cleaning**  **e)Feature Engineering**  **f)Data Splitting in Test Split and Train Split**  **g)Applying Model**  **h) Predict** |
| **Output** | **Predicted Successfully** |

**APPLYING MODEL**

**PREDICTION RESULT**

**DATA SPLITTING**

**DATA TRANS-**

**FORMATION**

**DATA INTEGRATION**

**DATA CLEANING**

**DATA PRE-PROCESSING**

**FEATURE SELECTION**

**RAW DATA**