Project Proposal

PROCP
AIRPORT LUGGAGE SIMULATION

Team IT Rockstars| 4-September -2020

Group E

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Main problem

How to determine the most optimal way to process the luggage and to distribute the employees based on statistics that the simulation has created?

Objective

The Object of our project is to propose a new Airport luggage simulation to facilitate the passenger while travelling with baggage and further improve the operation of sustainable transport.

Proposed Idea

Our team's idea is to build an application which will simulate an airport conveyor belt system. The user (manager) should be able to input the quantity of each resource (employees, carts, etc.) and based on those input values the simulation should determine the optimal way to distribute the resources. The simulation will also monitor different activities. For example, the amount of luggage lost, airplane landed/departure, amount of luggage, luggage destination and so on. By monitoring these activities, we can create our own algorithm to find the shortest route.