

Software Requirement received by WorldLine Global Services

Disney International has plans to build a large theme park and water park in Pune.

The parks have lots of rides and hotels for guests to stay in. They need a website to allow guests to go to the Booking site and Book the rooms.

Note: No API here, just a basic website

After 1 year Disney comes back with 2nd Requirement

Disneys owns lots of properties across the world like Toy shops, Movie Theatre, Restaurants etc. Disney already has kiosks sitting at most of their locations, which allow users to browse different disney facilities etc. Disney also has a mobile app which is used to view amusement park timings etc.

Now Disney wants to be able to provide the Hotel booking feature on both their kiosk as well as their mobile app. Their kiosk and mobile app developers will create the UI. However they want to use the backend engine created by WordLine Global Services last year.

So Wordline now gets a new project requirement to build an API for

- a. Hotel CRUD
- b. Customer CRUD
- c. Booking

This API will be shared with Disney Developers so they can connect to our API from their booking front-end. Additionally, Wordline wants a single point of contact into their database. So Wordline will change their existing Disney Park Booking website to use the API instead of directly accessing database using EFCore.

Assignment Tasks

1. Create a new DisneyParkBooking.Api project in the same solution.
2. Create two API controllers, 1 HotelsController and 2nd Customers Controller
3. Add GetAll (GET) and Create (POST) API request for both controllers

Later Jointly

1. Add the other CRUD operations like Edit and Delete
2. Change the MVC website to
 - a. Delete the EFCore code
 - b. Use the API instead for all actions
3. Implement security so any one cannot do the booking via api without having username/password.