

# Craft Demonstration

with  
**intuit.**



Introduction



Portfolio



Case Study



Why Intuit?

By,  
Sukanya Surendra Pai

# Introduction: Personal



- Born on 11<sup>th</sup> Oct 1994 ☺
- Originally From Mangalore
- Currently staying in Bangalore



- Family of 4 (Mom,Dad,Sister,Myself)
- Dad: Chef
- Mom: Home Maker
- Sister: Student



- Reading Books (Die hard Harry Potter Fan)
- Food Blogging (@\_\_yumtastic\_\_)
- Amateur Writer (@medium)
- Content Writer (@ Interviewbit)



# Introduction: Professional

2016

2017

2019

Present

Infosys

## Systems Engineer

Worked on developing unit test case automation scripts for UK based telecommunication giant using Junit and Mockito frameworks.

## Senior Systems Engineer

Major Responsibility was to design and develop enterprise level web application for a Reputed Multinational financial services corporation.

**Front End:** HTML5, CSS, Javascript, AngularJS (1.6)  
**Backend:** Core Java, J2EE, Spring Boot, Spring MVC, MongoDB  
**Others:** Windows, Git, Maven, Jenkins

nielsen

## Senior Software Developer

Full-stack developer responsible for end to end modernization of the traditional market analysis products originally built on excel to web-based platform.

**Front End:** HTML5, CSS, Javascript, Angular 8  
**Backend:** Python 3, Django, Flask, Pandas, GoogleScript, PostgreSQL  
**Others:** Linux, Git, Docker,

# Achievements



## *INSTA AWARDS*

- Received 3 INSTA Awards for my outstanding and dedicated performance in the project
- Delivered 100% bug-free work for continuously 4 sprints and almost 99% bug-free work for the rest
- Earned Client reputation and respect for qualitative delivery
- Second-Lead for leading sprint discussion for estimating and distributing tasks among teammates



## *TECH-STACK AGNOSTIC CHALLENGE*

- Despite having 3 years of Experience in Java based technology, I took up purely python based web development role.
- I learnt Django, Angular 8, Docker, GoogleScripts, Pandas and many other technologies within a span of 1 month and started contributing to project effectively.
- Currently Spearheading the entire backend development of a project along with data analytics related work.



## *OTHERS*

- Designed and developed MVP of Rate Card of Nielsen products within 3 days having full fledged web application functionalities using pure HTML, CSS and Javascript as Front-end tech and GoogleScripts as the Backend.
- Was recognized and applauded for developing backend application single-handedly and was given onsite task to work on.
- Mentoring students to help them achieve their professional dreams as part of WKC's Susheeksha Program.

# Case Study - Question

Rohan lives in Bangalore and he likes to play Tennis. There are few tennis courts around the place where he lives but whenever he goes to any nearby court, he sees that the court is already occupied and that he will have to book the court in person but Rohan is too busy to go to the court every time to just book it.

You being a developer has been asked to develop an online application where people can book slots and courts available in different parts of the city for various game options like Tennis, Badminton, Table tennis, Football, etc.

With this application, Rohan should be able to

- book court for any game of his choice
- he must have an option to select the time slot as well.
- Ensure that your application is scalable in terms of supporting it for multiple cities, games, courts, etc

Your application should support guest accounts along with subscribed users and it must include following APIs

- Get all courts
- For a given court, get the time slots
- Book a slot

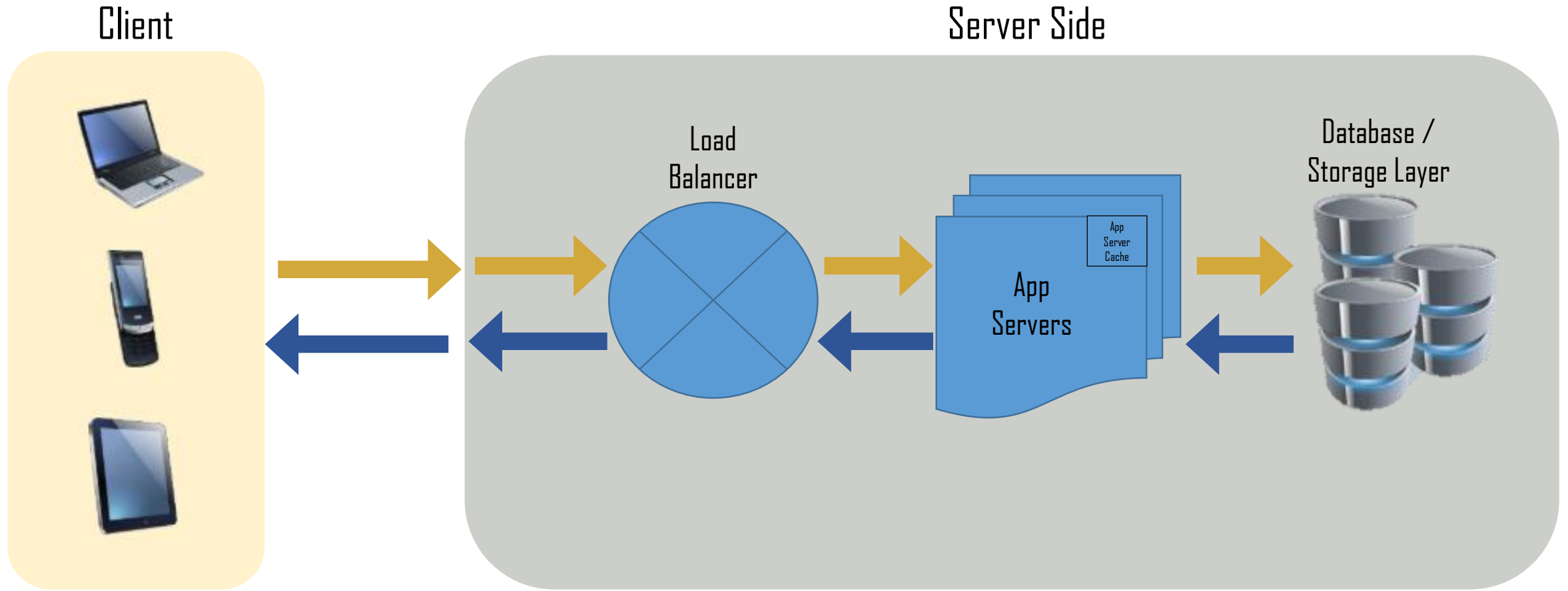
You may modify the APIs based on your design but make sure that these functionalities are supported User interface is not expected, you can demonstrate through REST APIs.

Your code has to be modular, scalable and include unit tests. Example:

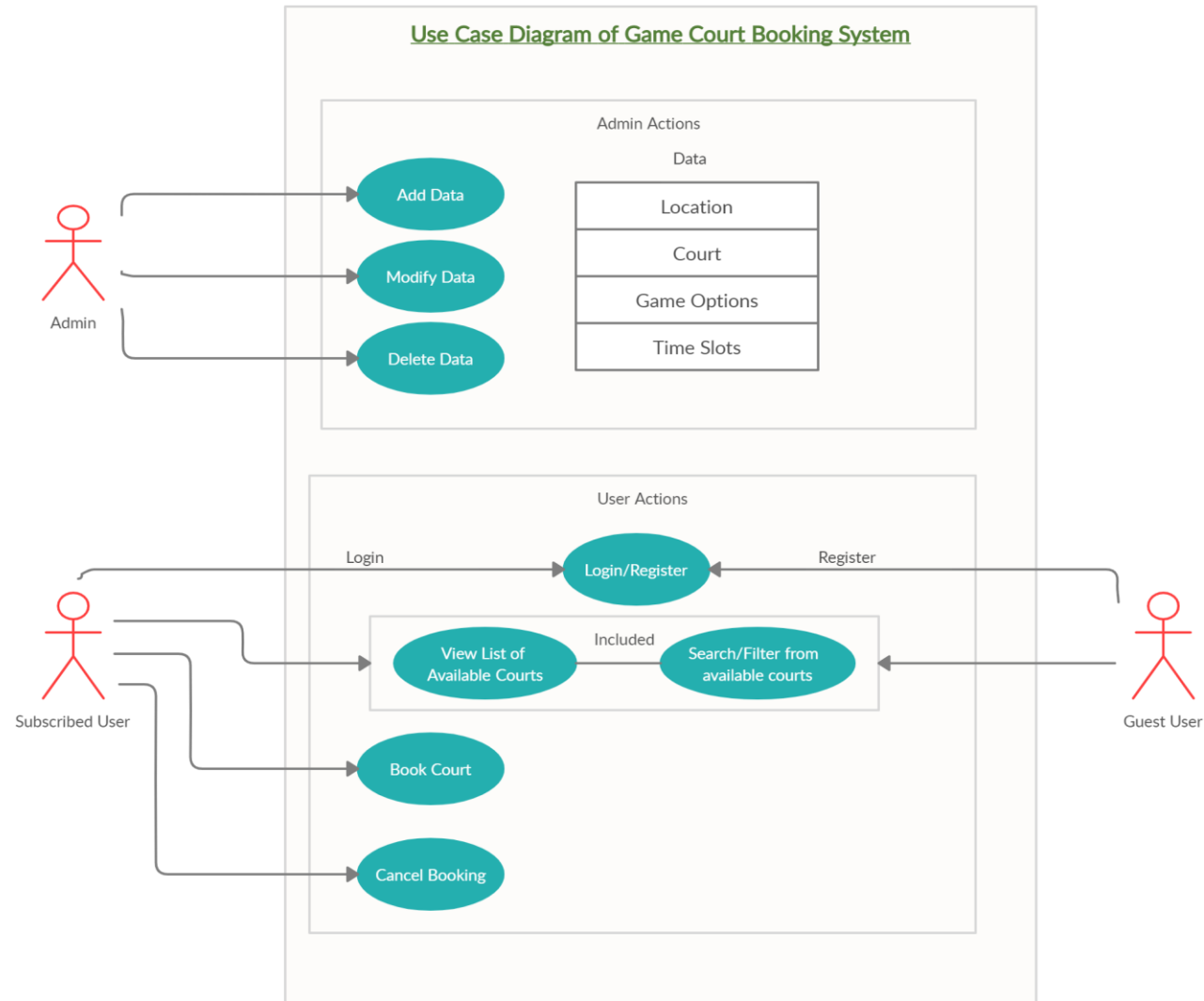
- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• <b>Delhi</b><ul style="list-style-type: none"><li>• <b>Badminton:</b><ul style="list-style-type: none"><li>• Silver String sports – 250/-</li><li>• Sports central – 300/-</li></ul></li><li>• <b>Football:</b><ul style="list-style-type: none"><li>• Play 365 – 2000/-</li><li>• PlayMania – 2800/-</li></ul></li></ul></li></ul> | <ul style="list-style-type: none"><li>• <b>Bangalore</b><ul style="list-style-type: none"><li>• <b>Badminton:</b><ul style="list-style-type: none"><li>• Play 365 – 300/-</li><li>• Silver String sports – 280/-</li></ul></li><li>• <b>Tennis:</b><ul style="list-style-type: none"><li>• Play 365 – 450/-</li><li>• PlayMania – 400/-</li></ul></li></ul></li></ul> |
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# Case Study – High Level Design



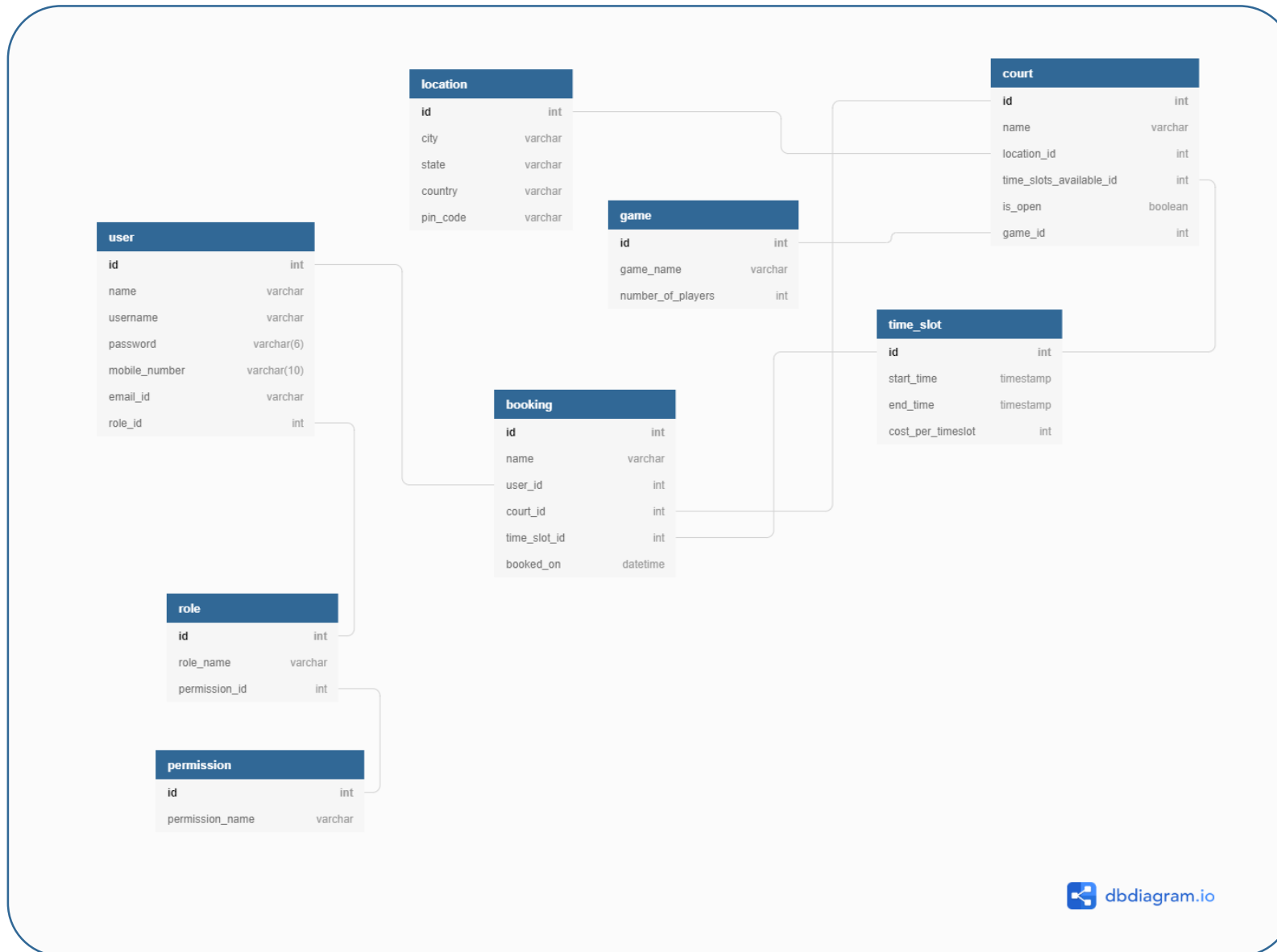
# Case Study – Low Level Design (Use Case Diagram)



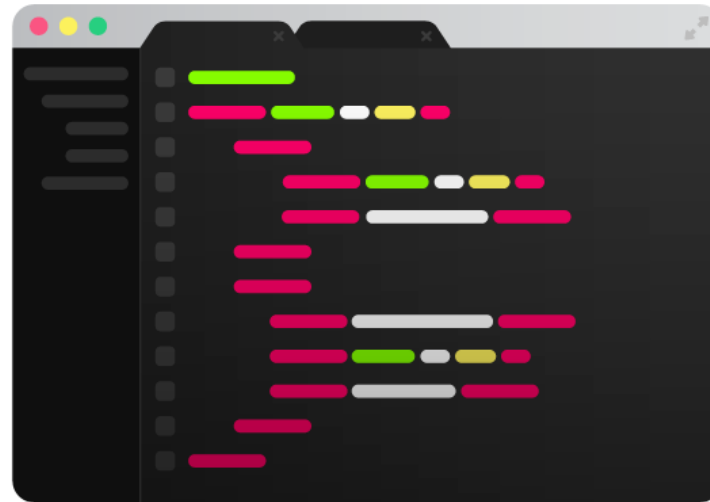




# Case Study – Low Level Design (Database Schema)



# | Case Study – Code Demo



# Why Intuit?

- **Integrity without compromise**
- **Courage**
- **Customer Obsession**
- **Strong Together**
- **We care and we give back**

- I am a very ambitious person who loves to be challenged and pushed continuously in my role. Based on my research about Intuit, I believe that I will be surrounded by like-minded, kindest, smartest and friendliest people where I can grow both personally and professionally.
- The Reputation of Intuit being customer focused and technology relevant product based company excites me because I am sure that I will be on right hands working on the best industry standards thereby staying upto date.
- Lastly, the operating values of Intuit and my research on the reviews about how people follow the values and how Intuit takes care of people like their own family made me want to be a part of this amazing work culture.

***THANK YOU***

