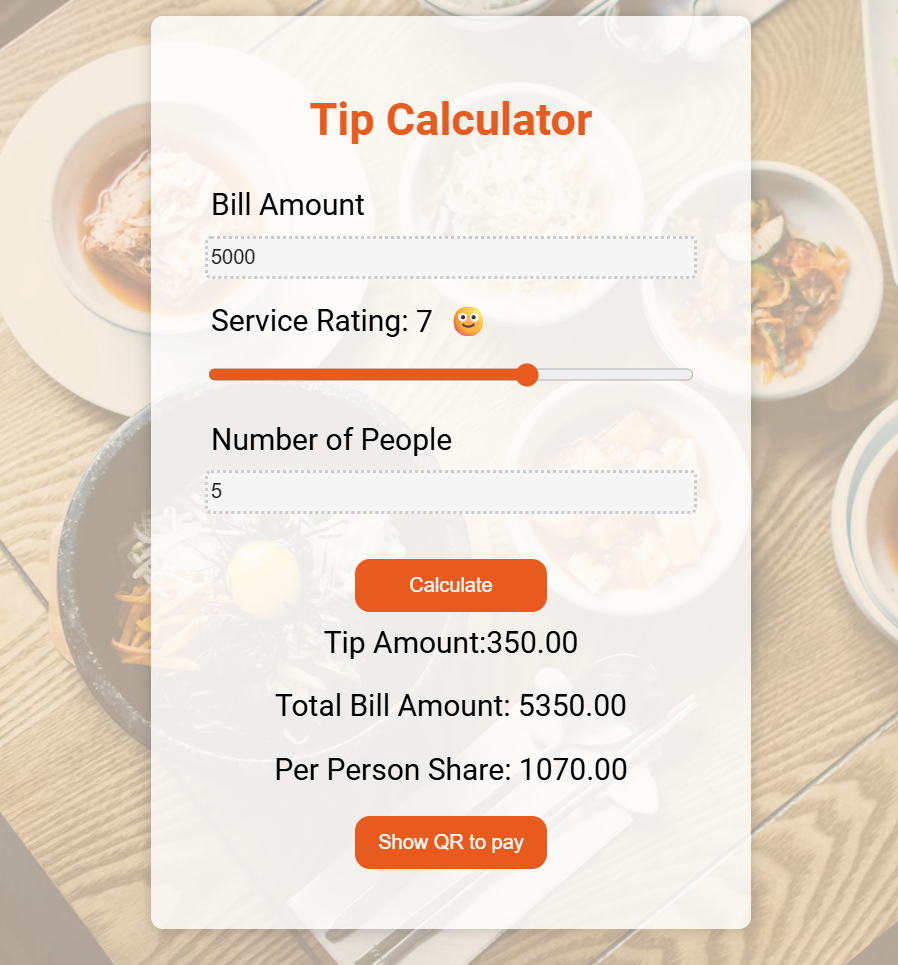
**Restaurant Tip Calculator**

**Project Requirement:** Restaurant Tip Calculator is a lightweight, browser-based application designed to streamline the process of calculating tips based on service quality, splitting bills among multiple users, and enabling fast digital payments via QR code. It also stores the log in H2 Database.

**Technology Used:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Jakarta Servlet API, Thymeleaf, H2, HTML, CSS, JavaScript, QRCode.js.

**Project Overview:** **Tip & Bill Calculation –** Calculates tip percentage based on service rating (e.g., 9 = 9%), computes total and per-person amounts. **Dynamic UI Feedback –** Real-time updates with emoji-based slider reactions and responsive layout**. QR Code Payment Integration**– Generates scannable QR codes with pre-filled total amount for seamless digital payments. **Thymeleaf-Based UI Rendering** – Dynamic templates for frontend, **Database Integration** – H2 with JPA & Hibernate ORM

**Screenshots:**

 A qr code on a screen

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.