Sodexo Payment Integration with Zeta

This document outlines the screen flow for Sodexo Payment Integration with Zeta. The process begins when a user selects 'sodexo' as a payment method and ends with the confirmation of the order placement.

Screen Flow Explanation

1. **Start: User selects 'sodexo' payment method:** The process starts when the user selects 'sodexo' as their payment method.
2. **Frontend collects customer's mobile number:** Once the user selects 'sodexo', the frontend then collects the user's mobile number.
3. **Frontend sends 'Create Order' request to backend:** The frontend sends a 'Create Order' request to the backend, including the customer's mobile number.
4. **Backend responds with 'OTP Sent':** After receiving the 'Create Order' request, the backend sends an OTP to the user's mobile number and returns a response indicating that the OTP has been sent.
5. **User receives OTP on their mobile device:** The user receives the OTP on their mobile device.
6. **Frontend shows OTP input screen with Submit and Resend options:** The frontend displays an OTP input screen where the user can enter the received OTP and submit it, or request to resend the OTP if it's not received.
7. **Frontend sends 'Submit OTP' request to backend:** Once the user enters the OTP and submits it, the frontend sends a 'Submit OTP' request to the backend.
8. **Backend verifies OTP:** The backend verifies the submitted OTP.
   a. **Valid OTP:** If the OTP is valid, the backend sends an 'Order Successfully Placed' response.
   b. **Invalid OTP:** If the OTP is invalid, the backend sends an 'Invalid OTP' response.
9. **Frontend sends 'Resend OTP' request to backend:** If the user doesn't receive the OTP or wishes to resend it for any reason, the frontend sends a 'Resend OTP' request to the backend. The backend responds with 'OTP Sent' and the process goes back to step 4.

Flow Diagram

The flow diagram below shows the process from start to finish. Each node in the diagram represents a step in the process, and the arrows represent the direction of the process flow.

```
Start: User selects 'sodexo' payment method
                    |
                    v
Frontend collects customer's mobile number
                    |
                    v
Frontend sends 'Create Order' request to backend
                    |
                    v
        Backend responds with 'OTP Sent'
                    |
                    v
User receives OTP on their mobile device
                    |
                    v
Frontend shows OTP input screen with Submit and Resend options
         |                              |
    Submit OTP                     Resend OTP
         |                              |
         v                              v
Frontend sends 'Submit OTP'    Frontend sends 'Resend OTP'
request to backend             request to backend
         |
         v
   Backend verifies OTP
     |             |
  Valid OTP    Invalid OTP
     |             |
     v             v
Backend sends    Backend sends 'Invalid OTP'
'Order Successfully Placed'   response
response
```