**User Onboard Enhancement - Email and mobile number validation with OTP**

Date: 2020-11-01

**Status**

Proposed

**Context**

Users can onboard to the system using web app or mobile app. Basic profile data is stored in the system such as First Name, Last Name, Mobile number, Email, Password.

Simple authentication mechanism can be used. Should be able to update the profile data such as when user wants to change the mobile number, he should be able to do it. System should be reliable, simple and usable. Mobile and email can be validated by sending OTP code.

**Decision**

System should be simple and user friendly for customers. Current onboarding system should be enhanced to validate email and mobile number.

Architecture characteristics that required:

* Simplicity
* Usability
* Responsiveness
* Reliability

**Consequences**

Email and mobile number validation can be included to the system in addition to current user onboarding process.

This enables the user to get push notifications regarding promotions and also other order details at the time of purchasing food.

Architecture fitness function

This email and mobile number validation avoid the scenario of having invalid mobile number or email in the system.