**Challenges**

**1)Email verification**

Chanllange : How to we verify email

Solution: send email verification link to provided email. on sending email Store email ,verification code (which generated by email) and status. When user click on verification link update to true status using provided verification code which show that email verified successfully. Singup in only completed when email is verified.

After submition or in case of duplicate email delete email from database.

**2)Backend and Frontend Communication**

Challenge: how do request and response.

Solution: use post method at the time of signup for security and at the time of response use a standard object which contain status which indicate that type of response (success/failer) , msg which indicate that message that we display to user.

**3)Maintainability of website**

Challenge: how to maintain our website in future

Solution: use comments, use version control and easy to understand floder creation like all api request function is with in api floder and all web pages

Stored in page folder same way for assest.

**4)Deployment issue**

Challenge: it very tough to find free relational database and connect with them. Deployment of web application and wen server is challenging for me.

Solution: use internel as tool for this.

**5)Security**

Challnage: provide security to user.

Solution: store hashed password password(for sigup/account password). (Hasing of account password and credentional password is different).

Do personalization, authentication.