**Introduction:**

Basic idea of HandBraker.com is to collect, verify, maintain and listing-out minimum 4-wheeler Driver profiles.

**Users of HandBrakers.com:**

1. Driver
2. Driver Agency
3. Customer (Driver Seeker)
4. Admin
5. Managers ()

**Authentication & Authorization Module:**

1. **Registration for Driver:**
2. Email \*
3. Password \*
4. Username \*
5. Phone Number \*
6. Alternate Phone Number \*
7. Address Line 1 \*
8. Address Line 2 \*
9. Address Line 3 \*
10. State \*
11. City \*
12. Country \*
13. Pin code \*
14. PAN Number \*
15. Driving Licence Number \*
16. Adhaar Card Number
17. Do you have car
18. If Yes, Fill the vehicle Name and Model : \*

Mandatory Files: Pan Card Copy, Driving License, Driver Photo

1. **Registration for Customer:**
2. Email \*
3. Password \*
4. Username \*
5. Phone Number \*
6. Alternate Phone Number \*
7. Address Line 1 \*
8. Address Line 2 \*
9. Address Line 3 \*
10. State \*
11. City \*
12. Country \*
13. Pin code \*

Mandatory Files: Customer Photo

1. **Registration for Driver Agency:**
2. Email \*
3. Password \*
4. Username \*
5. Phone Number \*
6. Alternate Phone Number \*
7. Address Line 1 \*
8. Address Line 2 \*
9. Address Line 3 \*
10. State \*
11. City \*
12. Country \*
13. Pin code \*
14. Agency Name \*
15. Agency Registration Number \*
16. Agency Contact Number \*
17. PAN Number \*

Mandatory Files: PAN copy, Agency Registration Copy, Agency Logo

1. **Forms for Authentication Module**
2. **Login Form**
3. **Forgot Password**
4. **Registration for all user roles**
5. **Spring Configuration Flow – Requirement**
6. Configure Dispatcher Servlet.
7. Configure View Resolver.
8. Email Configuration.
9. MIME Type Converters Configuration.
10. Spring - Hibernate Configuration
11. Apache Tiles Configuration.
12. Cross Origin Request Security (CORS) Filter Configuration.
13. Spring Security Configuration.
14. Spring Web Flow Configuration.
15. Authentication configuration – Authentication Provider, LoginSuccessHandler, LoginFailureHandler, LogoutSuccessHandler, Http configuration, SessionListener

**Login – Logout Flow Explanation :**

1. Display Login Page
2. On Submit username, password validate client and Server sides whether username and password are valid.
3. If username , password matches go to Home page.
4. If username, password doesn’t match show error depending on type of mis-match.
5. On successful login store Login time , On successful logout store logout time in UserLoginFeed table.
6. On login failure due to username and password mismatch, store login counter in UserLoginAttemptCounter table.

If user attempts 5 wrong credentials, lock user account.

On next attempt show user account is locked.

On each unsuccessful login notify user that howmany attempts left.