|  |  |
| --- | --- |
| **Structure** | **Details** |
| Assignment Id | 5 |
| Title | Driving license application |
| Contact | [Viswaraj.ramji@sap.com](mailto:Viswaraj.ramji@sap.com) , [v.suresh@sap.com](mailto:v.suresh@sap.com) |

# **Requirement Details:**

Design and build a simple Driving license issuance application using Java Spring Integrated with the Database.

As an application developer, you got a requirement to build a Driving license issuance application. The application allows admins to define various process or steps that a person must qualify to attain a license. The process can vary by vehicle types (example, two / four/ heavy vehicles etc.). A user who wants to get a license can enroll by creating a license profile using the solution. The cost of the enrollment can vary by vehicle type and attempts. (Example: 4 wheelers, 1 attempt: 1000 RS / 4 wheelers, 3 attempt : 2000 RS etc.) also defined by the admin. The user license profile gets converted to a license on successful completion of the process defined and gets rejected if failed in all the enrolled attempts.

The Application should have the following functionality incorporated.

1. Allow admins to define the process by vehicle types and define cost of by vehicle types and attempts.
2. Allows users to create license profile post enrollment.
3. Allow admins to change the status of each step either to success or failed for that user based on the performance.
4. If successfully completed all the steps convert the license profile to license. If fail in all attempts then the license profiles should be rejected.
5. Allow admins to search license & license profile by name, dob & license number

*Note: Please go through the Guidelines for more information on the project requirements.*