### I. GENERAL

D. Student Names: Indrajit Maurya

E. Industrial Attachment Dates: From **2nd Sep 2019** to **17th Jan 2020**

**II. ASSIGNMENTS**

**A. APPLICATION**

Was the application the same as the one proposed for Industrial Attachment? If not, state the nature of the new application.

No, it was not same.

**Proposed** **Project**: Robotic Process Automation for Healthcare Industry

**Assigned** **Project**: Secured Assertion Mark-up Language (SAML) Service Provider for Activants Pte Ltd.

Activants Secured Assertions Mark-up Language (SAML) Service Provider provide an Interface for Identity Providers (IdP), like SingPass/CorpPass, to pass authentication, authorization and related information using SAML 2.0 to Service Providers (SP) helping users to use one set of credentials to log into many different sites securely.

**Nature of SAML SP**

* Improved User Experience:
* Increased Security
* loose Coupling of Directories
* Reduced Costs for Service Providers:

**B. PROJECT SCOPE**

1. How large was the assignment in terms of number of:

Modules included were: Requirements, Analysis, Design, Coding and Implementation, Testing, Integration.

So,

Program Modules : This took almost 3 months to complete (Overall)

Batch Reports : No such batch reports were generated

Screens : Less screens

Others

2. How much effort (time) was required to reduce the scope of the project to match the 19 week time period . . . . .if at all?

The project’s scope was limited to 3-4 months which matches the 19 week time period.

1. Did the students have enough time to complete the assignment in the time allowed? Please comment.

Yes, for me enough time was allocated to complete the project.

1. What is the programming language & methodology used in the project?

Agile methodology was used.

**Software used.**

* **Programming language** - C#.Net
* **Database** - MSSQL
* **Framework** – ASP.NET MVC, Bootstrap
* **Web Script technologies** – HTML, CSS
* **Library**: Component Space 3.5

**C. APPLICATIoN ANAYSIS**

1. Please comment on the thoroughness and accuracy of the Analysis portion of the assignment.

Suresh tested the SAML Service Provider..

2. Completion date for Apliction Analysis: \_\_26th Dec 2019\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**D. SYSTEMS DESIGN**

1. Please comment on the quality of the Systems Design completed by the students in terms of:

(i) Technical feasibility/accuracy...will the system work?

The software is implemented, deployed in the test environment and its working with demo identity provider. However, certain changes have to be made once integrated with SingPass/CorpPass identity providers.

(ii) Has the system been installed/implemented?

Yes, the SAML Service Provider is implemented successfully, deployed in the test environments.

(iii) Is the system easy to use (by User Department)?

Yes, the user have to just click a button to view the login page of the identity providers.

**E. OVERALL EVALUATION**

4. Please evaluate quantitatively the contributions from the interns. Each project team is given a total of 100 points that needs to be allocated amongst the team members based on the contribution of each member.

|  |  |
| --- | --- |
| **Team Member’s Name** | **Points** |
| Indrajit Maurya |  |
|  |  |
|  |  |
| **TOTAL** | **100** |

1. **STUDENT INDIVIDUAL EVALUATION**

Please rate each student performance in the areas of taking initiative, technical capacity, self-management, quality of work and added value.

**Student 1:\_\_INDRAJIT MAURYA\_\_\_\_**

Total Leaves taken: MC \_1\_\_ days Personal Leave\_\_2\_days

**III. STUDENT WORK HABITS**

B. How well did the students function as a team? Did they complement each other's work effort (i.e., supportive of each other)? Please comment.

The project had just one member.

C. Did one member of the student team stand out as the team leader? Which student? Please comment.

N/A

D. Was the workload evenly divided between the students? Please comment.

N/A

1. **SKILL SETS**

What skill sets would you suggest ISS to include in our curriculum to best prepare our students for the industry (e.g. methodology, programming, networking, etc)?

How to deploy apps in the test environments and some basics of networking.