GRADUATE CERTIFICATE: Intelligent Reasoning Systems (IRS)
PRACTICE MODULE: Project Proposal

Date of proposal:

01 May 2022

Project Title:

ISS Project – #Tag WEB Scrapper

Sponsor/Client: *(Name, Address, Telephone No. and Contact Name)*

Group Security System Certis International, Qatar
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Background/Aims/Objectives:

The proposed intelligent eco-system will make use of various advanced machine reasoning techniques and components to foster generic intelligent system adoption and agile implementation for business.

Requirements Overview:

- Research ability
- Programming ability
- System integration ability

Resource Requirements (please list Hardware, Software and any other resources)

Hardware proposed for consideration:

- Reasoning systems,
- Machine learning use cases
- Cognitive systems,
- Robotic Process Automation,
- Application container,

Number of Learner Interns required: (Please specify their tasks if possible)

a team of four to three project members (or individual work upon lecturer approval)

Methods and Standards:

Procedures	Objective	Key Activities
		1. Gather & Analyze Requirements

Requirement Gathering and Analysis	The team should meet with GSSCI to scope the details of project and ensure the achievement of business objectives.	2. Define internal and External Design 3. Prioritize & Consolidate Requirements 4. Establish Functional Baseline
Technical Construction	· To develop the source code in accordance to the design. · To perform unit testing to ensure the quality before the components are integrated as a whole project	1. Setup Development Environment 2. Understand the System Context, Design 3. Perform Coding 4. Conduct Unit Testing
Integration Testing and acceptance testing	To ensure interface compatibility and confirm that the integrated system hardware and system software meets requirements and is ready for acceptance testing.	1. Prepare System Test Specifications 2. Prepare for Test Execution 3. Conduct System Integration Testing 4. Evaluate Testing 5. Establish Product Baseline
Acceptance Testing	To obtain GSSCI user acceptance that the system meets the requirements.	1. Plan for Acceptance Testing 2. Conduct Training for Acceptance Testing 3. Prepare for Acceptance Test Execution 4. GSSCI Evaluate Testing 5. Obtain Customer Acceptance Sign-off
Delivery	To deploy the system into production (GSSCI standalone server) environment.	1. Software must be packed by following GSSCI standard 2. Deployment guideline must be provided in ISS production (GSSCI standalone server) format 3. Production (GSSCI standalone server) support and troubleshooting process must be defined.

Team Formation & Registration

Team Name: #TAG
Project Title (repeated):
System Name (if decided):
Team Member 1 Name: Sachin Varghese
Team Member 1 Matriculation Number:
Team Member 1 Contact (Mobile/Email): sachinsventures@gmail.com
Team Member 2 Name: Anton Cheriyan
Team Member 2 Matriculation Number:
Team Member 2 Contact (Mobile/Email): Antoncheriyan@gmail.com
Team Member 3 Name: Manolito Japlos
Team Member 3 Matriculation Number:
Team Member 3 Contact (Mobile/Email): thojaplos@gmail.com

For ISS Use Only		
Programme Name:	**Project No:**	**Learner Batch:**
Accepted/Rejected/KIV:		
Learners Assigned:		
Advisor Assigned: Contact: Mr. GU ZHAN / Lecturer & Consultant Telephone No.: 65-6516 8021 Email: zhan.gu@nus.edu.sg		