**IS4010 Industry Internship Programme (IIP)  
2022-23 Semester 2  
Jan 2023 to Jun 2023**

**Internship Learning Contract (ILC)**

**Internship Project Title:** Eagles Performance Calculations and API Project

**Internship Host Organization Name:** GIC Private Limited

**Internship Host Address:** 168 Robinson Road, Singapore 068912

**Internship Duration:** 9.1.2023 to 23.6.2023

**Internship Host Supervisor**

**Name:** Desmond Leong Ying Lap **Position/Department:** Lead Data Engineer – Risk & Performance (Technology Group)

**Office Contact No.:** +65 68898591 **Email:** desmondleong@gic.com.sg

**Academic Supervisor**

**Name:** Tan Chuan Hoo **Position:** Associate Professor (Information Systems & Analytics)

**Office Contact No.:** +65 65166903 **Email:** distanc@nus.edu.sg

**Project Team**

|  |  |  |
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|  | **Student 1** | **Student 2** |
| **Student Number** | A0218074H | A0222482L |
| **Name** | Kevin Tan YueJun | Wong Deshun |
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| **Modules Taking in 2021/22 Semester 2** | 1. BT4103 | 1. IS4242 |

**Project and Job Description:**

Describe in detail the scope of the project, your role and responsibilities while on your internship. List duties, projects, deadlines, etc.

The in-house Performance Blue Sky (PBS) API aims to provide a more streamline solution for our clients to ascertain their potential returns on the various portfolios that GIC manages. The project primarily draws data from Eagle API by feeding parameters such as the portfolio code, currency metrics and timeline, to retrieve the data from the database in a JSON file format. Thereafter, performance analytics will be done on the data to perform a comparison analysis between different portfolios to enhance the functionality of the PBS API. Finally, the API will be handled over to the front-end team so that they can call the PBS API to create a feature-rich dashboard for the clients.

Roles and Responsibilities: I will be working with the Risk and Performance Management team to do the extraction of data from Eagles API and perform further unit testing on the functionalities of the API calls.

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| --- | --- | --- | --- |
| Date | Task | Description | Status |
| 5th Jan 2023 | Perform Unit Testing on API 5 | Write JSON queries for different portfolios | In Progress (Clarification with Bryan) |
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| **Learning Objectives (What are your learning goals?)**  Knowledge and skills to be acquired   * State specifically what you intend to learn or develop rather than what you will do * Goals can include technical knowledge/skills goals, professional development goals, personal growth goals, etc * Transferable skills to be developed can include soft skills, personal skills, or specific professional skills   *(Delete the red-colored instructions from the final document)* | **Learning Tasks and Strategies (How will you work toward meeting your goals?)**  Actions used to achieve learning objectives | **Learning Outcomes Evaluation (How will you prove you have met your goals?)**  Measurable methods used to determine if student has acquired the learning objectives |
| 1. To be proficient in User Automated Testing (UAT) and be familiar with the different HTTP response protocol and the purpose that is acssociated to them | 1. Tasks are actions and begin with an action verb.  2. | Monthly learning log  Interim Project Report  Final Project Report  Final Project Presentation  Learning Journal  (learning objective may be assessed by one or multiple methods) |
| 2. To be able to work professionally with my colleagues and clarify any doubts with my supervisors should I encounter them. | 1.  2.  3. |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |

**AGREEMENTS**

**Students**

My supervisors and I discussed the scope of the project and measurable objectives for my internship. I concur with and accept the work assignments indicated above and agree to perform to the best of my ability and satisfaction of the internship supervisors all assigned tasks.

Signature: Name: XXX XXX XXX

Date:

Signature: Name: YYY YYY YYYY

Date:

**Host Supervisor**

The students, academic supervisor and I discussed the scope of the project and measurable objectives and I believe that they are appropriate for the internship experience. I will provide a good learning environment for the students and support the completion of these objectives during the internship. I will also ensure timely feedback and grading of the students’ internship performance.

Signature: Name: XXX XXX XXX

Date:

**Academic Supervisor**

The students, host supervisor and I discussed the scope of the project and measurable objectives, and I believe that they are appropriate for the internship experience. I will advise the students and support the completion of these objectives during the internship. Upon request from the students, internship host supervisor, or internship coordinator, I will help to resolve any difficulties that may arise. I will also ensure timely feedback and grading of the students’ internship performance.

Signature: Name: XXXX XXX XXX

Date:

**IIP Coordinator**

I agree that the scope of the project and the learning objectives are appropriate for the internship experience and approved this internship to be taken as module IS4010 for 12 modular credits.

Signature: Name: LEE BOON KEE

Date: