Guideline for IIUM API - DRAFT

IIUM ICT GUIDELINES

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Document Change Log

Release Version	Date	Pages Affected	Remarks/Change Reference
Version 1.0	18/01/2023	-	Initial Submission
Version 1.1	26/10/2025	4,6	

Responsibility and Activity Log

Requestor	Description	Submission Date	Approval Date
Abu Hurairah	Endorsement by ITD Management	18/01/2023	18/01/2023
Abu Hurairah	Update clause 3(a), 3(b), 7.1.2 and 7.1.3	28/10/2025	

IIUM ICT Guidelines

1. OBJECTIVE

The objective of this document is to define the guidelines for IIUM API Management.

2. TERMS AND DEFINITIONS

Term	Definition
IIUM	The International Islamic University Malaysia, otherwise known as the "University"
ICT	Information and Communication Technology
ITD	Information Technology Division
ITD Management	Chief Digital Officer, Director, Deputy Information Technology Officer, Deputy Director, Deputy Engineer, and Team Leader of ITD
API	Application Programming Interface
Data Owner	Centre of Studies or Administrative Offices that owns and manage the assigned institutional data. Data Owner is also responsible for processes that relate to the data.

3. GUIDELINES

The guidelines for IIUM API management are as follows:

a. This guideline shall be implemented in compliance with the IIUM's Anti-Bribery Management System (ABMS) in accordance with ISO 37001:2025 requirements, to ensure transparency, integrity, and accountability in all processes. All procurement activities shall reflect a commitment to fostering an anti-bribery culture, recognizing and managing conflicts of interest, and applying enhanced due diligence to third parties and sustainability-related aspects. Any actual or suspected bribery, corruption, or conflict of interest shall be reported through secure and protected channels, with whistle-blower protections in place.

b. This guideline shall be implemented in accordance with IIUM's ICT Security Procedure in compliance with ISO/IEC 27001:2022 requirements to ensure confidentiality, availability and integrity in all processes. All

processes, decisions, and activities under this guideline must uphold the principles of confidentiality, availability and integrity as to protect the information data and assets.

c. API management and developer team consist of technical staff which are appointed by the ITD Director.

d. System interaction and integration must be done via API unless there are justifications to use other methods.

e. All requests for API should go through the ITD Director or any authorised person appointed by the ITD Director. The requestor should provide the details of API usage.

f. Approval for access to the API will be made by the appointed person in charge.

g. Any request for data that are confidential, secret, and top secret should be made through the data owners and ITD will provide the data upon their approval.

h. ITD has the right to revoke access to the API if the requestor has:
    i. the API shared to other users or applications
    ii. distributed or exported the API data using any format to other users.
i. All API responses are in JSON format.

4. IMPLEMENTATION AND NON-COMPLIANCE

4.1 The ITD Director holds the responsibility for the implementation of this guideline and shall take necessary actions in the event of any violation of this guideline.

4.2 This guideline is applicable to the University community and any infringement may subject the university community member(s) to disciplinary actions and/or any other actions deems necessary.

5. ENTITIES AFFECTED BY THIS POLICY

5.1 IIUM staff

5.2 IIUM student

5.3 Vendors

6. MAINTENANCE OF GUIDELINES

The ITD Director is responsible for the formulation and maintenance of this guideline.

7. RELATED POLICIES/STANDARDS/PROCEDURES/GUIDELINES

This guideline shall be read together with the following or any documents which recently approved:

7.1.1. ICT Regulations

7.1.2. IIUM ICT Policy

7.1.3. IIUM Security Procedure

7.1.4. Guideline on Electronic Data Management

7.1.5. Guideline on Data Request and Distribution