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SECTION 1 — APPLICANT INFORMATION**Full Name (with title) *****Institutional Email *****Faculty / Institute / Department *****Phone Number****Role *****RESEARCH**

- | | | |
|---|--|--|
| <input type="checkbox"/> Principal Investigator | <input type="checkbox"/> Co-Investigator | <input type="checkbox"/> Postdoctoral Researcher |
| <input type="checkbox"/> Research Staff | <input type="checkbox"/> Data Scientist | |

CLINICAL

- | | | |
|---|--|--|
| <input type="checkbox"/> Physician / Medical Doctor | <input type="checkbox"/> Nurse / Nursing Staff | <input type="checkbox"/> Clinical Research Coordinator |
| <input type="checkbox"/> Allied Health Professional | | |

ACADEMIC

- | | | |
|--|--|--|
| <input type="checkbox"/> Instructor / Lecturer | <input type="checkbox"/> Assistant Professor | <input type="checkbox"/> Associate Professor |
| <input type="checkbox"/> Professor | | |

STUDENT

- | | | |
|---|---|---|
| <input type="checkbox"/> Doctoral Student (PhD) | <input type="checkbox"/> Master's Student | <input type="checkbox"/> Bachelor's Student |
|---|---|---|

SECTION 2 — PROJECT PROPOSAL**Project Title *****Project Abstract ***

<input type="text"/>

Describe research goals, methods, expected outputs, and why HPC resources are needed (200–500 words).

Research Domain *

- Medical AI / Clinical Imaging
- Epidemiology / Public Health
- Molecular Simulation
- Genomics / Bioinformatics
- Federated Learning Research
- Other Life Sciences
- Drug Discovery
- Natural Language Processing
- Other (non-life-science)

Ethics Approval Status

- Approved — IRB number available
- Not applicable (computational only)
- Pending approval
- Exempt (de-identified public data)

IRB / Ethics Approval Number (if approved)

SECTION 3 — RESOURCE REQUEST

Resource	Requested Amount	Notes / Justification
GPU Nodes		
GPU Type Preference		<i>e.g. H200, A100</i>
RAM (GB)		
Storage (TB)		
CPU Cores (if needed)		

Requested Duration *

Requested Start Date

e.g. 3 months, 6 months, 12 months, ongoing

YYYY-MM-DD or "ASAP"

SECTION 4 — FRAMEWORKS & SOFTWARE

Frameworks / libraries required:

- PyTorch
- TensorFlow
- Jupyter / JupyterLab
- Flower (Federated Learning)

Other frameworks / custom software / proprietary tools / libraries

SECTION 5 — DATA & COLLABORATION

Data Description

Type, estimated size, sensitivity level, source (public / institutional / multi-site). Note any data from outside Mahidol.

Collaborating Institutions (if any)

List all partner organisations involved in this project.

SECTION 6 — DECLARATION & SIGNATURE

I confirm that the information provided in this application is accurate. I agree to comply with MUSCULAR usage policies, data governance requirements, and Mahidol University regulations. I understand that allocated resources are subject to periodic review.

Principal Investigator Signature

Date

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Printed Name

Faculty Authorisation (if required)

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