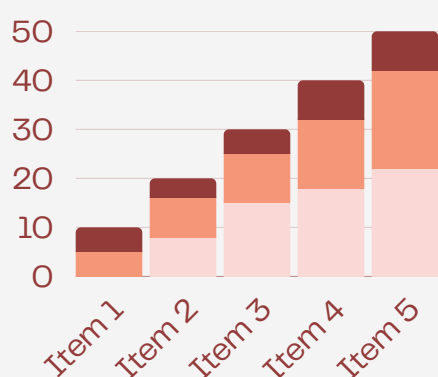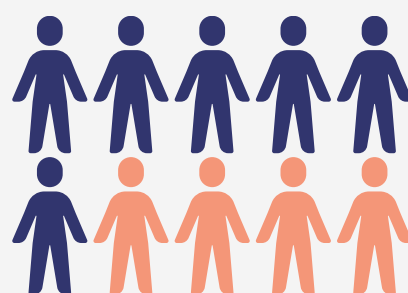# MUGIS
MALAYSIAN UPPER GASTROINTESTINAL SURGICAL SOCIETY

CALLING FOR EXPERTS!!

PROSPECTUS: DEVELOPMENT OF A COMPREHENSIVE UPPER GASTROINTESTINAL CANCER DATABASE

BACKGROUND

MUGIS is inviting experienced programmers to develop a secure and comprehensive cancer database to support clinical documentation, research, and multidisciplinary care. This platform will enable clinicians to input, track, analyse, and retrieve both individual and population-level data with efficiency and clarity.

PROJECT OBJECTIVES

- Build a structured database capturing essential demographic, diagnostic, staging, treatment, and outcome parameters.
- Ensure smooth data entry, updates, and retrieval to support clinical workflows and academic work.
- Must have clear project timeline with milestones.
- Breakdown of development, deployment, and maintenance fees.
- Incorporate analytics such as trends, survival patterns, treatment responses, and reporting tools, including functions useful for trainee logbooks.
- Implement strong security standards to protect patient confidentiality, with multi-tiered user access.
- Create an intuitive interface suited for clinicians, researchers, and administrative personnel.

65%

KEY FEATURES

- Modular data entry forms (diagnosis, imaging, histopathology, treatment, follow-up).
- Integrated staging systems (AJCC/TNM).
- Searchable registry with advanced filters.
- Export capability for audit, research, and presentations.
- Visual dashboards featuring graphs, charts, and timelines.
- Multi-user access with permission hierarchies.
- Cloud-based or web-server deployment.
- Warranty with bug fixes, clear costing with no hidden modules.

PREFERRED EXPERTISE

- Proven experience in healthcare or medical registry development.
- Strong backend security skills and solid UI/UX design capabilities.

REMUNERATION

- Competitive remuneration will be offered based on experience and the scope of work. Additional incentives may be available for long-term maintenance, upgrades, and future integration with hospital information systems.

HOW TO APPLY?

Interested developers or teams may submit their proposals to the MUGIS Secretariat via email (secretariat@mugis.org.my), or can contact person-in-charge via Whataspp: +6016-3620320 (Dr Ngo Choon Woon)

Deadline on or before 31st December 2025

Please include:
Brief portfolio or examples of similar projects
Proposed technology stack
Estimated development timeline
Expected remuneration