A Multi-Faceted Multi-Stakeholder Approach for Increased Visibility of ETDs in Zambia

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**Motivation**
The university of Zambia has had a functional Institutional Repository since 2012, with a significant uptake of Electronic Theses and Dissertations (ETDs).

**Problem**
- There are noticeably large time gaps between submission and eventual ingestion of ETDs
- Ingestion of ETDs is not timely
- ETDs are associated with incorrect descriptive metadata
- ETDs have missing descriptive metadata

**Observations**
- Submission and ingestion of ETDs involves numerous stakeholders
- Ingestion of ETDs into IR is time consuming
- Potential self-archiving workflows not exploited
- ETDs exhibit common characteristics

**Proposed Approach**
- Explore the use of effective workflows using a multi-stakeholder approach
- Experiment with machine learning techniques to automatically classify repository objects

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**01 Effective Workflows**
- Understand current ETD submission workflows
- Identify potentially effective ETD submission workflows

**02 Multiple Stakeholders**
- Understand current stakeholder workflows
- Identify key stakeholders
- Involve stakeholders in submission workflows

**03 Automatic Classification**
- Identify appropriate features
- Implement classification models
- Build third-party tools and/or plugins

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