# Project Overview for Team # 1 Team Name: LIBRARY

Members:

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4.

Briefly describe your client. What is their business name? What is their organizational mission or goal? Where do they operate? What are their key activities (manufacturing, services, retail, consulting, etc.)?

**Mississippi State University Library**

**Located:** on the Mississippi State University Starkville campus.

**Mission:** Provide Mississippi State University students, staff, and faculty with access to both physical and electronic materials including academic journals, printed books, and advanced technologies, such as virtual reality systems and 3D printers. The MSU Library also provides services to students and staff to publish papers and present them to the public.

Briefly describe your system. (What is its primary purpose?)

Electronic Thesis and Dissertation workflow

How will it be typically used; what business processes or activities will it support, replace, or reengineer? Also list (and briefly describe) the primary PROCESSES (tasks, functions, operations) performed by your system. (Provide a Data Flow Diagram (DFD) on the next page (refer to DFD file set).

1. Workflow for graduate students to submit theses and dissertations for review and approval.

2. Storage database system for theses, dissertations, and related details.

3. Reporting tools for the library, advisors, associated department staff, and public-facing statistical applications/widgets.

4.

Who would/will be using this system? (individuals, departments, company) What are the categories of users?

1. Library staff – review and approve submitted documents.

2. Graduate students – submit thesis and dissertation-related documents.

3. Advisors & associated staff – monitor submission process and statistics.

The primary components of the system are the functional requirements and the nonfunctional requirements which are as follows:

|  |  |
| --- | --- |
| **Functional Requirements:** | **Nonfunctional Requirements:** |
|  |  |
|  |  |
|  |  |
|  |  |

**Primary Processes:**

1.

2.

3.

List (and briefly describe) the database tables you have designed or will design. For each, also identify the primary key and any foreign keys that link that table to other tables in your database. (Provide an Entity-Relationship Diagram (ERD) on subsequent pages.)

* 1. Primary Key:
  2. Foreign Key(s):
  3. Primary Key:
  4. Foreign Key(s):

List (and briefly describe) the primary INPUT screens or paper forms (who enters data?, what is its purpose?)

1.

2.

3.

List (and briefly describe) the primary managerial OUTPUT reports. (who gets them?, what is their purpose?)

1.

2.

3.

List which technologies you will use to develop your physical prototype. (HTML, Access, VB, PHP, Java, etc.) (leave blank at first, then list tentative technologies, then finalize at the end.

1.

2.

3.

4.