Stamford University of Bangladesh

DFD (Data Flow Diagram)

Report-3

Course title: Software Engineering

Course code: CSI 332

Project Name: Fun Learns

Submitted to:

Name: Ashfaq Ali Shafin

Designation: Lecturer
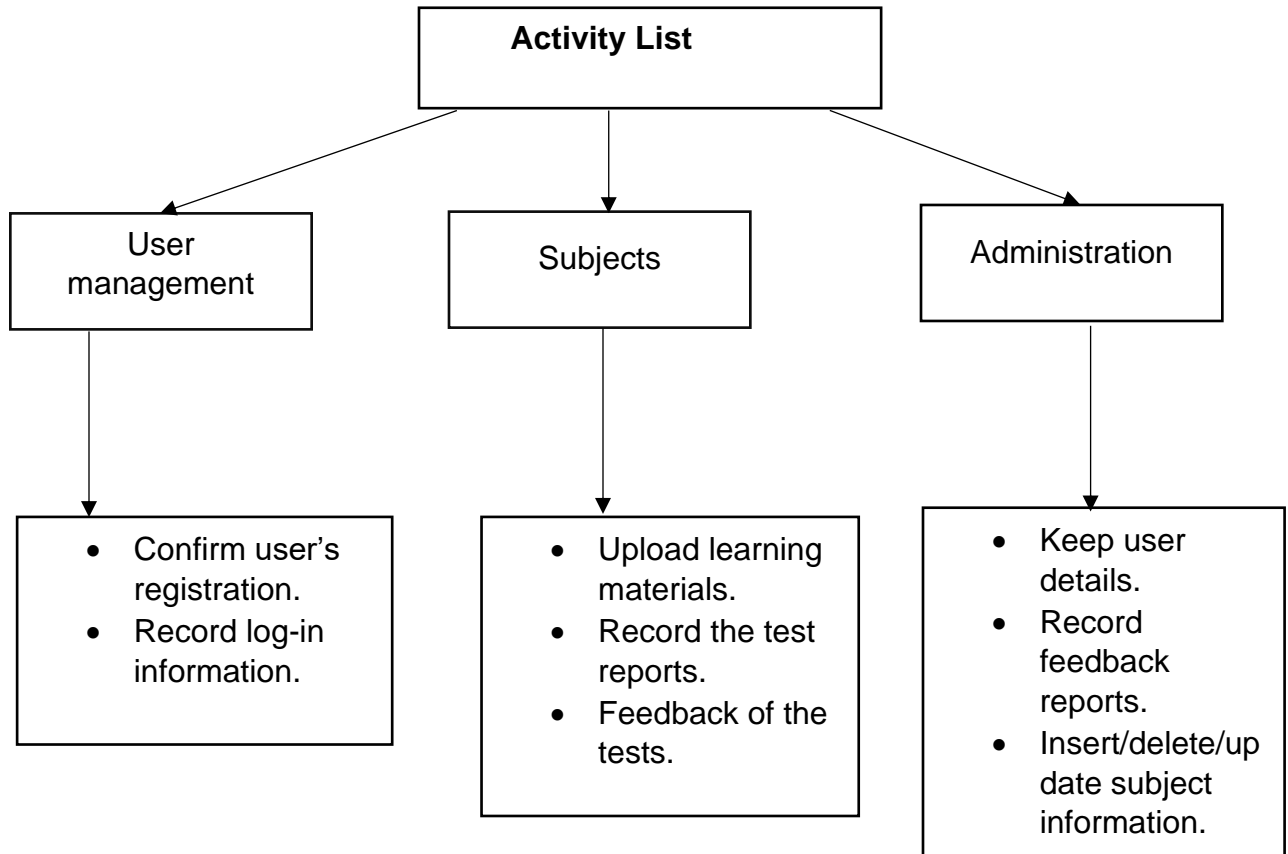
Stamford University Bangladesh

Submitted by:

Group Name: Tierce

Nafisa Lubaba Rafisa	CSE 063 07432
Naimul Islam	CSE 063 07444
Rezwana Karim	CSE 063 07453

Introduction:

This report is about one of the essential parts of the project which is DFD or Data Flow Diagram. DFD, Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation.

```
                          ┌─────────────────────┐
                          │    Activity List    │
                          └─────────────────────┘
            ┌──────────────────────┼──────────────────────┐
            ▼                      ▼                      ▼
    ┌───────────────┐      ┌───────────────┐      ┌───────────────┐
    │     User      │      │   Subjects    │      │ Administration│
    │  management   │      │               │      │               │
    └───────────────┘      └───────────────┘      └───────────────┘
            │                      │                      │
            ▼                      ▼                      ▼
```

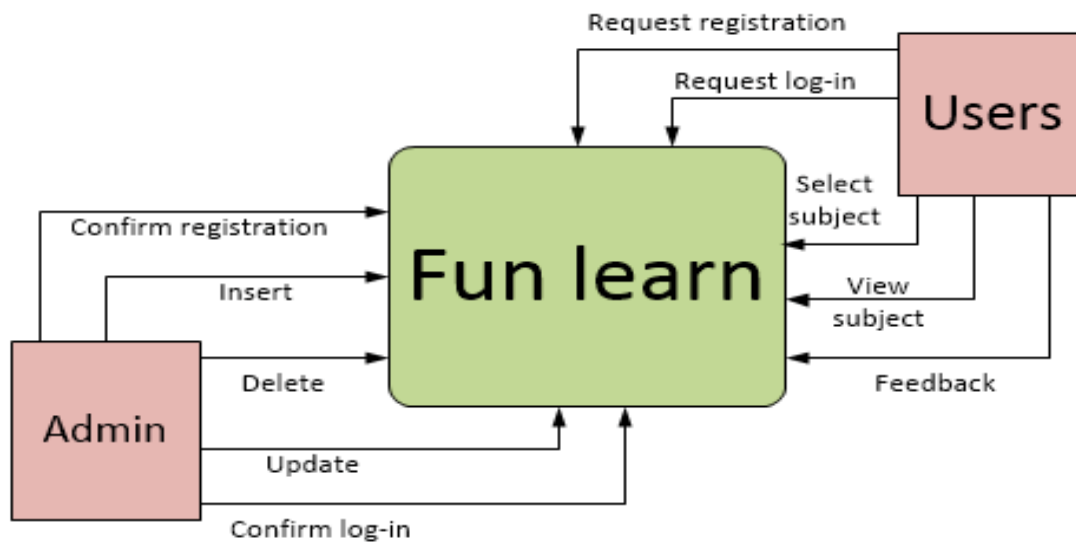| User management	Subjects	Administration
• Confirm user's registration. • Record log-in information.	• Upload learning materials. • Record the test reports. • Feedback of the tests.	• Keep user details. • Record feedback reports. • Insert/delete/update subject information.

Main process: Fun Learn.

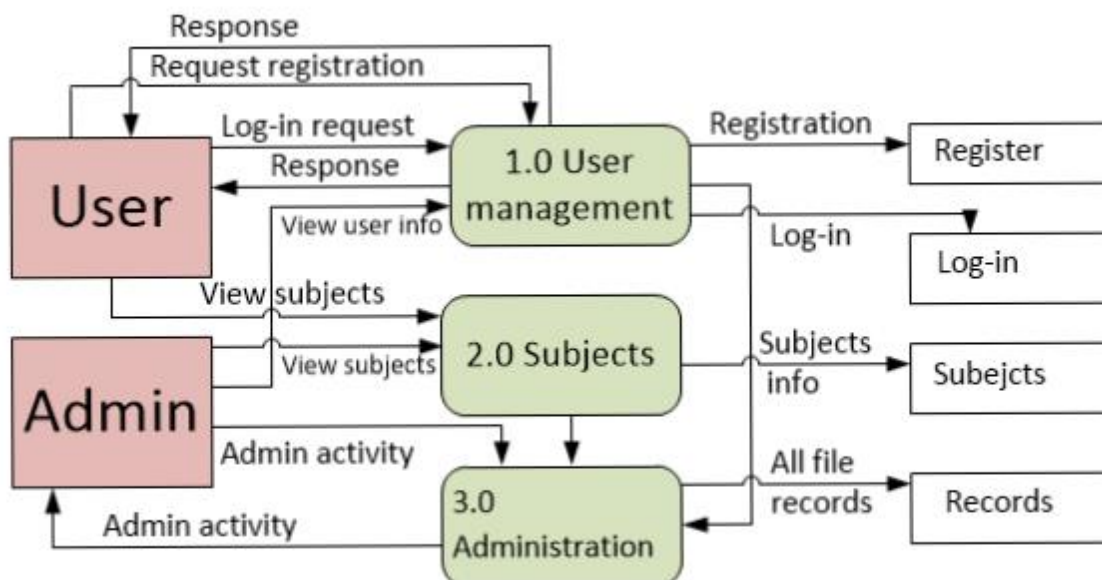Sub Process: User management, Subjects, Administration.

Entity: Users, Admin.

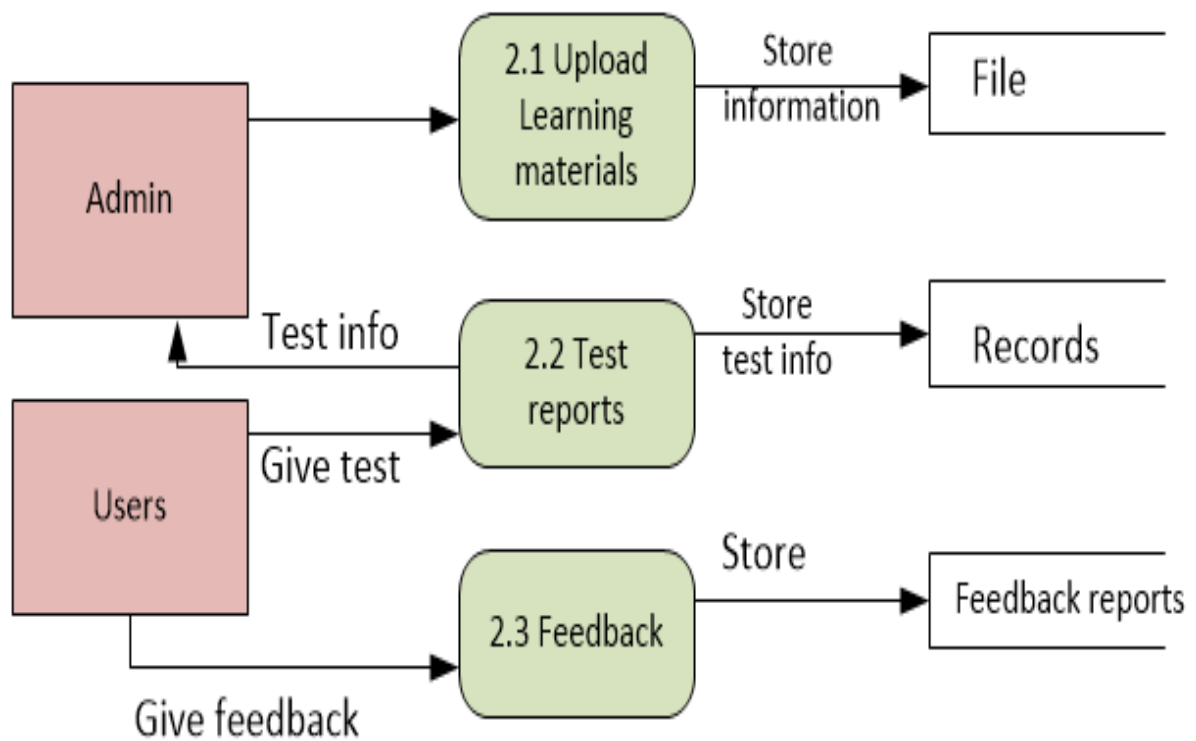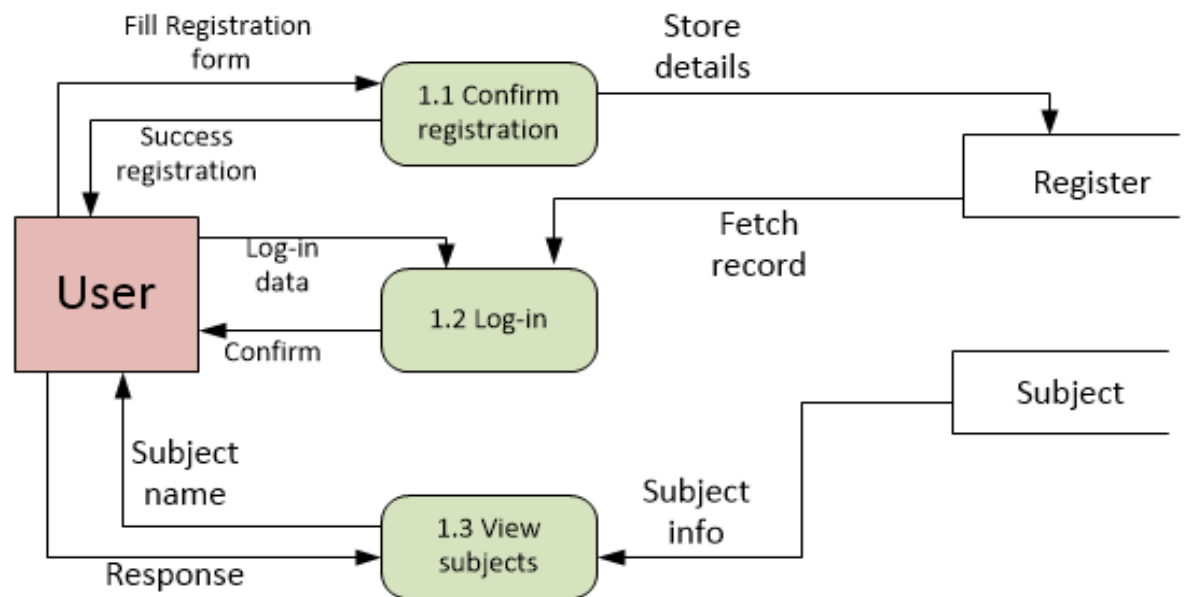Database: User_Info, Admin_Info, Subject_Info, Register_User, Feedback.

Context level:

Level-0:

DFD Level-1:
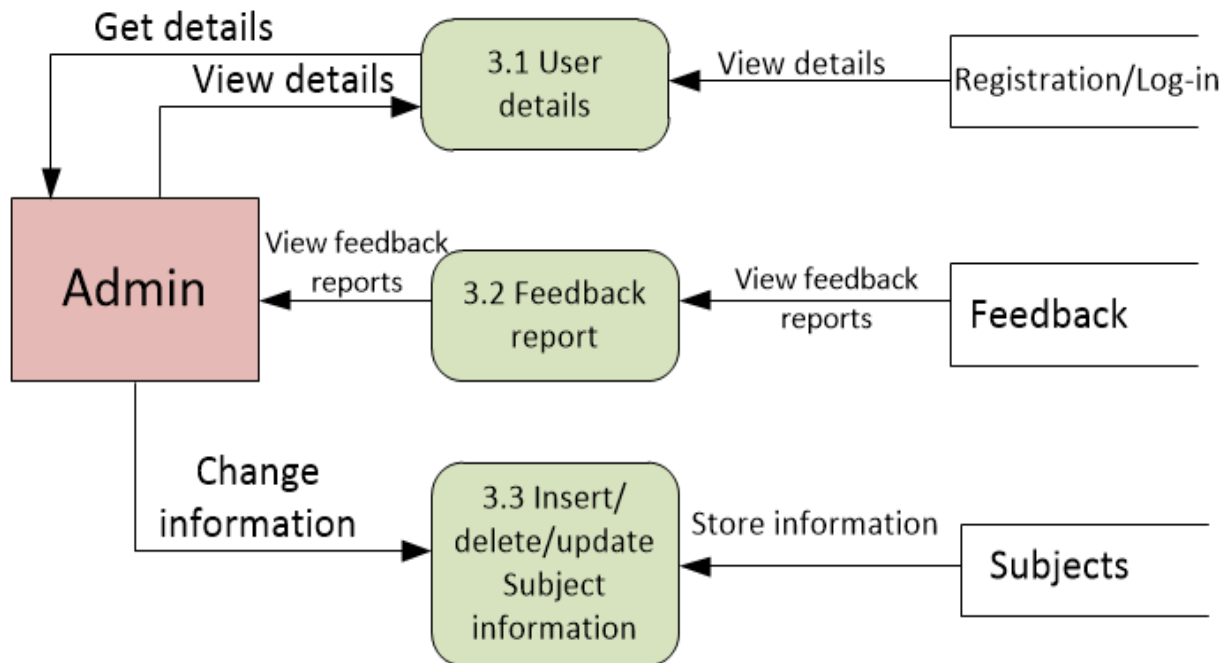
Decomposition of DFD:

Context level	Level-0	Level-1
Fun learn	1.0 User management	1.1 Confirm registration
		1.2 Log-in
		1.3 View subjects
	2.0 Subjects	2.1 Upload learning materials
		2.2 Test reports
		2.3 Feedback
	3.0 Administration	3.1 User detail
		3.2 Feedback report
		3.3 Insert/delete/update subject information