**Monitor**

|  |
| --- |
| **SPE SYSTEM** |

**Admin**

**Staff Figure 1: Use case diagram**

**Input Design**

**1. student registration**

|  |
| --- |
|  |

**Matric No**

|  |
| --- |
|  |

**Firstname**

|  |
| --- |
|  |

**Lastname**

|  |
| --- |
|  |

**Year**

**Sex**

**Phone NO**

**Email**

**Course option**

**Address**

submit

**2. staff registration**

**Matric No**

|  |
| --- |
|  |

**Firstname**

|  |
| --- |
|  |

**Lastname**

**Year**

**Sex**

**Phone NO**

**Email**

**Course option**

**Area of research**

**Address**

submit

**3. Create user form**

**Create account**

**ID Number**

**Password**

**Category**

create

**4. Course allocation form**

**Course allocation**

**Course Option**

**Semester**

**Level**

allocate

**Database**

**Lecturer**

**Admin**

**Student**

**Figure 2: data flow diagram**

Create user

Display home page

Enter Username

Is username & Password

Correct?

Is user

Admin

YES NO

Is user

Lecturer?

YES NO

Upload courses

View courses

Register

Allocate courses

View courses

Stop

**Figure 3: flowchart diagram**

Login

Successful No

Yes

Student

Lecturer

Create account

View Course

View Course

Upload Course

Allocate Course

Register

View Course

Logout

**Figure 4: Activity**