Number: 1

Name: make reservation subsystem

Description: the student can view information about the facilities and book facilities.

Input Data Flow:

Student details

Facility information request

Reservation details

Facility details

Confirmed reservation

Output Data Flow:

Facility details request

Facility information

Reservation request

updated facility availability

reservation slip

Type of Process: Subprogram/Function Name:

Online  Manual  Batch

Process Logic:

|  |  |  |  |
| --- | --- | --- | --- |
| Conditions: | 1 | 2 | 2 |
| Student info Valid | Y | Y | -- |
| Facility is available for booking | Y | -- | -- |
|  |  |  |  |
| Send facility information |  |  | X |
| Receive reservation request |  | X |  |
| Forward reservation details | X |  |  |
| Send reservation slip | X |  |  |

Refer to Name:

Structured English  Decision Table  Decision Tree

Unresolved Issues:

If the student wants to make a reservation for an unavailable facility he has to wait, but he’ll not be informed of the time of when the facility is available.