Number: 1.1

Name: retrieve facility info.

Description: retrieves important information from the facility

Input Data Flow:

Facility information request

Output Data Flow:

Facility information

Type of Process: Subprogram/Function Name:

Online  Manual  Batch

Process Logic:

BEGIN

RECEIVE Facility information request.

RETREIVE Facility Details from facility info database.

SEND Facility information file TO user.

STORE Facility information in facility info database.

END

Refer to Name:

Structured English  Decision Table  Decision Tree

Unresolved Issues:

There is a case where the required data cannot be found.

Number: 1.2

Name: make reservation.

Description: does the required reservation.

Input Data Flow:

Reservation Request.

Student details.

Reservation confirmation details.

Output Data Flow:

Request details

Reservation details

Type of Process: Subprogram/Function Name:

Online  Manual  Batch

Process Logic:

unavailable

2

Send error message

Receive confirmation details info

invalid

1

5

available

3

4

valid

Valid student details?

6

Create Reservation and request details

Refer to Name:

Structured English  Decision Table  Decision Tree

Unresolved Issues:

There is a case where the reservation details or the Student details Are invalid.

Number: 1.3

Name: issue slip.

Description: generates the slip for reservation.

Input Data Flow:

Reservation details.

Output Data Flow:

Reservation Slip.

Type of Process: Subprogram/Function Name:

Online  Manual  Batch

Process Logic:

BEGIN

RECEIVE Reservation details.

Generate Reservation slip.

SEND Reservation slip To user.

STORE Reservation slip in reservation slip.

END

Refer to Name:

Structured English  Decision Table  Decision Tree

Unresolved Issues:

There is a case where the required data cannot be found.

Number: 1.4

Name: update facility availability.

Description: updates the availability of the facility.

Input Data Flow:

Reservation details.

Output Data Flow:

Updated facility information.

Type of Process: Subprogram/Function Name:

Online  Manual  Batch

Process Logic:

BEGIN

RECEIVE Reservation details.

Generate Updated facility information.

STORE Updated facility information in facility info database.

END

Refer to Name:

Structured English  Decision Table  Decision Tree

Unresolved Issues:

There is a case where the required data cannot be stored.