Data Repository **Examples**

**Data Process**

***PROCESS***

Create Wait Lists Process Reference 4.6

Description: The process of recording which students requested

 enrollment in a class that has already met capacity.

Inputs

Request for class

Enrollment Limit

Exceeded Notice

Logic summary

Check that student

has met prerequisites

Check enrollment limit notice

Assign next spot in

list to current student

Outputs

Position Number,

Name, id,

Contact information

Record name, id,

Location reference

Physical reference Enroll Students

Full details of this logic can be found in

**Data Store**

Systems Analysis Data Repository

***STORE***

Data Store reference D4

 Description Wait lists.

Data flows .. in Data flows ..out (search arguments)

 Wait lists by course Additional Enrollment by Course

Contents

Course Immediate access analysis is to be found

 Name Functional spec. Section 8.17

 Reference Number

 Student

 Name

 ID Number Physical organization

 Contact Information Not yet specified

 Priority on list

**Data Flow**

***FLOW***

DATA FLOW

Source ref Outside entity Description: Students

Destn. Ref 4.6 Description: Create Wait Lists

 This is a formal request made by students to be maintained on a

Expanded description priority list for enrollment in a particular class if someone should

 drop the class or if additional spots are added to the class.

Included data structures Volume information

Student

 Student Name

 Student Identification Number Minimum: 1 per class

 Telephone Number Average: 5 per class

 E-Mail Address Maximum: unspecified

Class

 Reference Number Growth data dependent on department

 Course Number

 Growth range from 0% to 200% per semester

When list size reaches the enrollment in the class,

Notes: a message should be sent to department chair to

 request a new section be added.