Adapt IT NSFAS Development

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Reason for development

- Students want their money and they want it as soon as possible

- Institutions need to know which students are going to get NSFAS funding as soon as possible

- In order to accomplish the first 2 points, NSFAS needs to get the most amount of information in the quickest possible way from both the Students and Institutions

Why Adapt IT

Background

- 29 years' experience
- 52 higher and further education institutions
- Intricate understanding of complex environment

Services

- ERP Support Services
- Development and Integration Services
- Training and Development Services

Software

- ITS Integrator – Education ERP
- ITS Mobile – Real-time information via mobile devices
- Adapt IT Timetabling
- InfoSlips
- Artena Student Management System– Integrated campus administration system

Customers

Development methodology

- **3 Step Process**

    - Applications

        - Sends all the info that NSFAS requires that the Institution has, to create or update bursary applications at NSFAS.

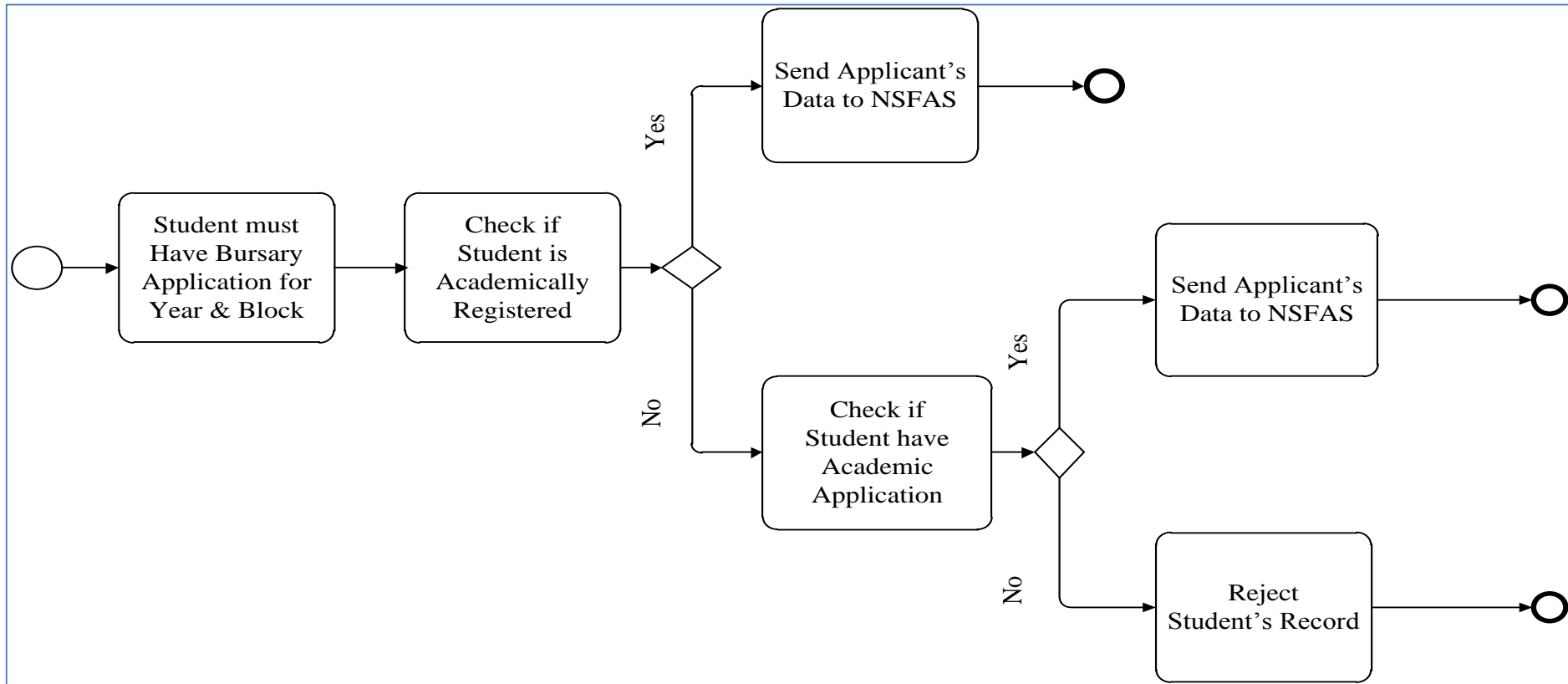   - Funded and Unfunded

        - This updates the Institution with a list of all the students that NSFAS will provisionally fund and with what they will fund the student for.

    - Allocations / Status File

        - The final funding categories and amounts for the students that NSFAS has agreed to fund
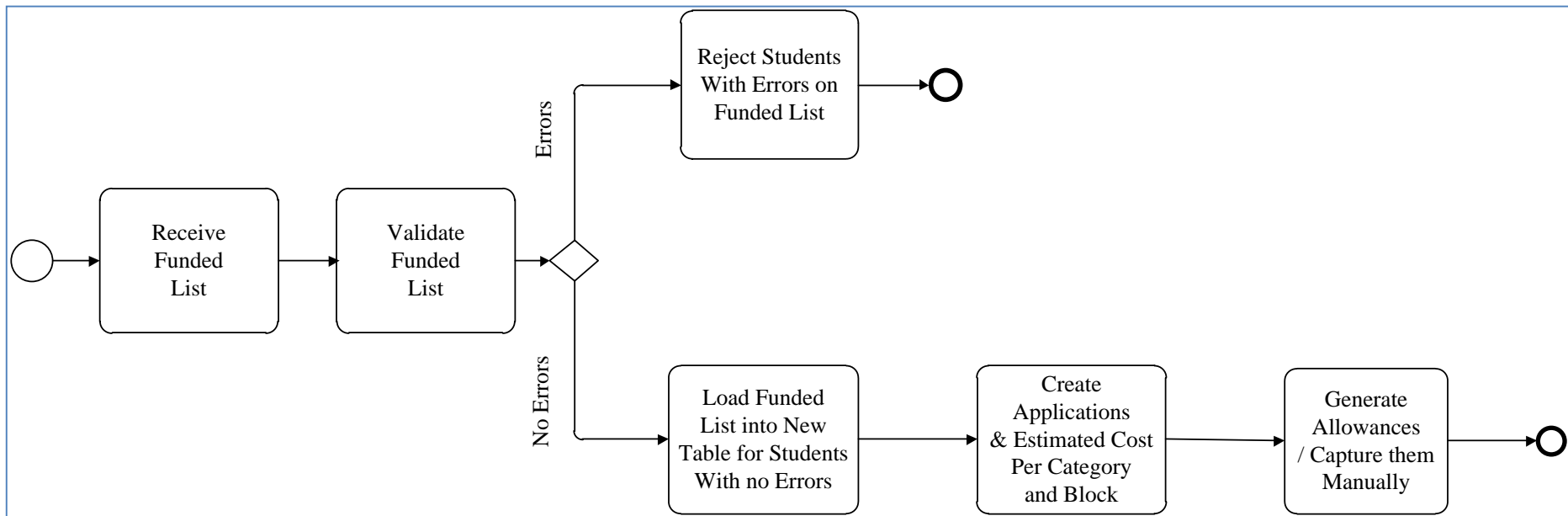
The development itself

- Applications (Model/Process Flow)

The development itself

- Applications Overview

    - The integrator system will validate if the student has a Registration record first. If not, then it will look for Application records.

    - A program was created to validate all the data that will be sent to NSFAS against an XSD (XML Schema Definition) file provided by NSFAS. All data entries that pass this validation will be flagged with a status.

    - A program was created to send all the student info for the students who have passed the validation to NSFAS as well as to link the students to a status that reflects that the information was sent.
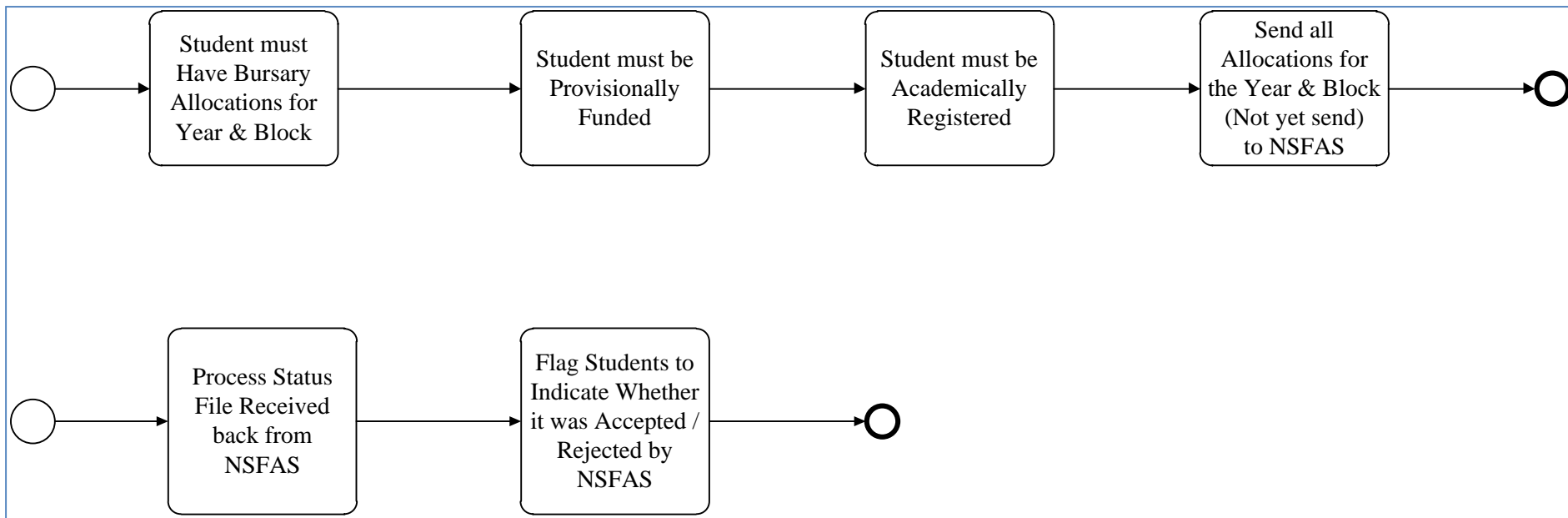
The development itself

- Funded and Unfunded Lists (Model/Process Flow)

The development itself

- Funded/Unfunded Lists Overview

  - Validate Funded/Unfunded list from NSFAS. Report output reflects valid and rejected students. Students who are valid will be loaded onto the system.

  - System will either create a new bursary application on the system or update an existing bursary application with what was on the NSFAS file.

  - Users can then generate provisional allowances

The development itself

- Allocations / Status File (Model/Process Flow)

The development itself

- Allocations / Status File Overview

  - Program generates a file with all allocations to NSFAS

  - NSFAS will validate the info and send a status file with accepted or rejected (with reasons) students

  - User will load the status file to update the system

  - Students can now receive their funding

  - User can correct all the errors on the rejected student's info and resend to NSFAS

FAPSA 2016 Theme

- #Crossroads- WhereToNext?

  - Technology is advancing at a scary rate
    - Things that could only be conceived in TV shows like Star Trek are now a reality (wireless communication, tablets, holograms, teleportation)

  - Information is now more accessible than ever before
    - We have gone from printed media as being our source on world events to now just "Googling It".
    - Don't know how to do something…watch a Youtube video.

  - Everybody is talking about big data
    - Information is everywhere and it is now about combining it so that you can make use of it.

Work smart, not hard!

Save the trees!

Embrace Change!