Enrolments Solution

1. Overview

This document covers the enrolment of a patient into a given program and the subsequent management of the enrolment.

Please use Dojo Framework 1.14

The look and feel defined in this document is very important, we expect your solution to look as close as possible.

Please take as much time as you need to complete this solution, we perform this test to get a feel on how you approach problems, think about and design your code

As part of your solution:

• List any assumptions that you have made in order to solve this problem.
• Provide a test harness to validate your solution.

The following three enrolment programs must be used in your solution.

Program Name	School Enrolment	Year Level & Year Mandatory
School Dental Service	Yes	Yes
High School	Yes	No
Special Needs Program	No	No

Note: Even if you cannot complete the whole solution, please still supply us with the parts you could do.

2. Patient Enrolment Object

This object allows one or more patient enrolments to be defined, as follows

The object is an accordion, the object has several states

2.1 No Enrolments State

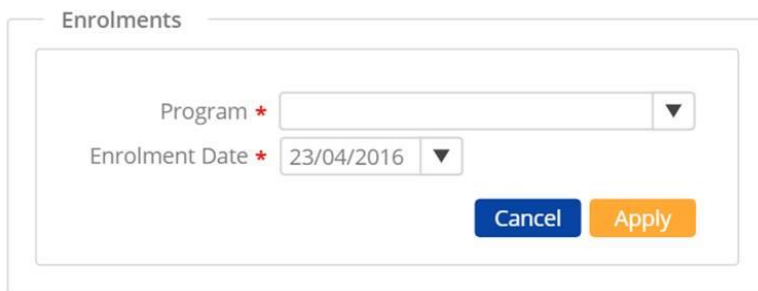If the patient has no enrolments, the object appears as follows.

2.2 Adding an Enrolment
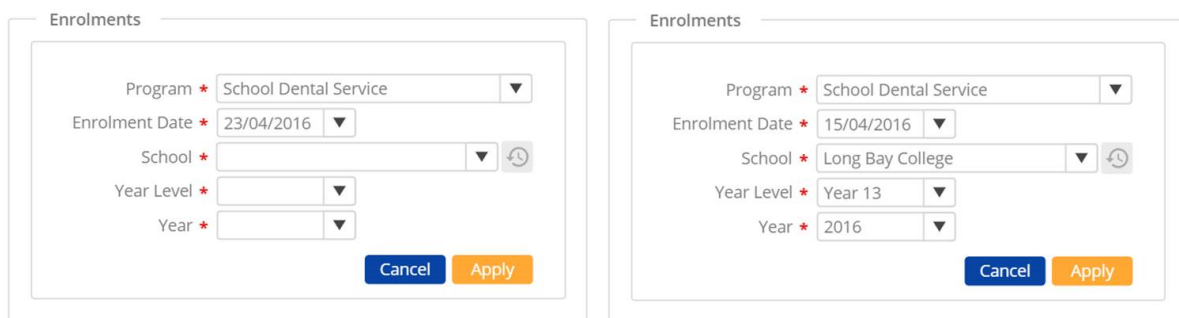
Clicking on **Add** will show the **Program** and **Enrolment Date** fields.

- **Program** is mandatory and defaults to blank.
- **Enrolment Date** is mandatory and defaults to "today"

When selected, if the **Program** is defined as a **School Enrolment** then the **School**, **Year Level** and **Year** fields will dynamically appear.

- **School** is mandatory if the **Program** defined as a **School Enrolment**.
- **Year Level** and **Year** are only mandatory if the **Year Level and Year Mandatory** flag is set for the selected **Program**.

Clicking on **Cancel** will close the panel and return the object to its non-editable state.

Clicking on **Apply** will add the enrolment record, which will be rolled up into an accordion title bar.

The title bar shows the fields

- **Program**
- **Enrolment Date**
- Status string (*Active | Terminated*)
- Termination/Reactivation icon

Once the enrolment has been added, the enrolment details can be viewed any time by clicking the accordion title bar to open the pane with the enrolment details in it.

- **Program** and **Enrolment Date** cannot be changed and are read only. These details can only be changed by terminating the enrolment and adding another.
- **School**, **Year Level** and **Year** fields are editable. If any school fields have been edited a new school log will be written.

2.3 School Enrolment Log

When a school enrolment is added, a school log record is added. A school log captures a log of the S**chool(s)**, **Year Level(s)** and **Year(s)** for the enrolment.

Clicking on the school log icon button (to the right of the **School** field) will show the log in a tooltip dialog.

School Enrolment Log

School	Year Level	Year
Long Bay College	Year 13	2016
Rangitoto College	Year 12	2015
Rangitoto College	Year 11	2014

2.4 Terminating an Enrolment

An enrolment can be terminated by clicking on the Terminate icon button.

Hovering over the Terminate icon button shows the following tooltip

When clicked, the user is prompted for termination details.

Once terminated

- the terminated enrolment is still shown in the enrolment object.
- the **Termination Date** and **Termination Status** (*Terminated*) are shown on the title bar.
- the **School** and **Year Level** and **Year** fields are no longer editable.
- the school log is still accessible but is read only.

2.5 Reactivating an Enrolment

A previously terminated enrolment can be reactivated by clicking on the Activate icon button.

Hovering over the Activate icon button shows the following tooltip

The user is prompted for a confirmation to activate the enrolment, as follows.

Clicking on **Confirm** will return the enrolment to its active state.

The original **Enrolment Date** of the enrolment is retained.