

SIF NZ DATA MODEL – STUDENT WELLBEING OVERVIEW - v0.1

A primary goal for SIF New Zealand is to build a New Zealand flavour of SIF Data Model that is largely based on the SIF Australia data model. The structures describing Student Wellbeing were sourced from the SIF AU data model where possible.

However, co-design between Ministry projects and schools has highlighted the need for some deviation from the SIF AU data model for the SIF NZ data model:

- Renamed the data object StudentParticipation to StudentLearningSupportParticipation to clarify what they are participating in.
- Addition of the StudentVoice data object to capture a student's interests and career, social and academic goals.
- Took numerous free text attributes and turned them into enumerations as we intend to use agreed code sets for this data.
- Removed attributes that are not applicable to NZ.
- Renamed PersonalisedPlan to StudentPersonalisedPlan.
- Renamed SchoolInfoRefId in all data objects to ProviderRefId.
- Added new attributes, complex types, enumerations and associations as required to meet NZ requirements.

1 Conceptual Data Model

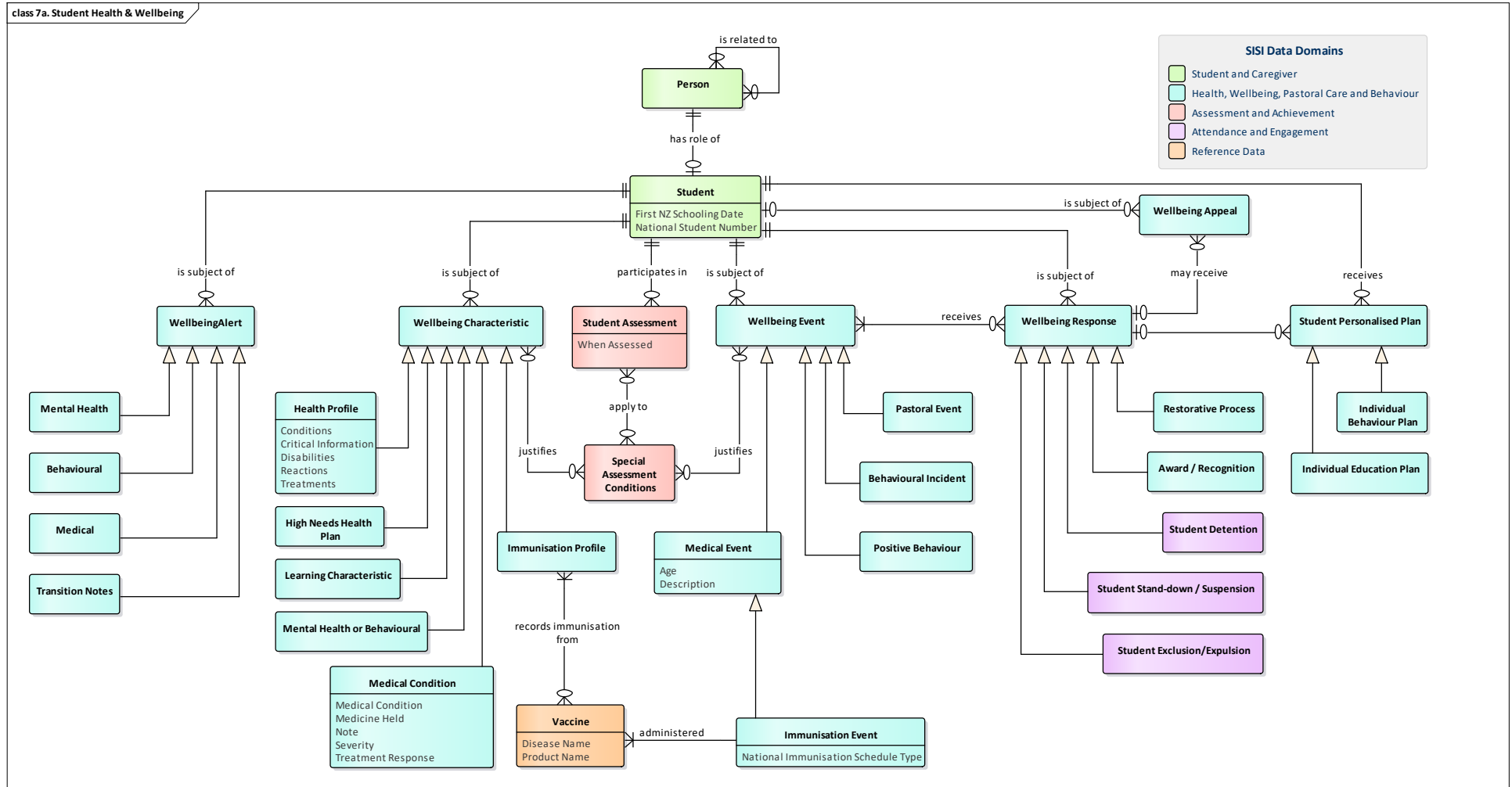


Figure 1: Student Health and Wellbeing - Conceptual Model

erd 7b. Student Learning Support Participation

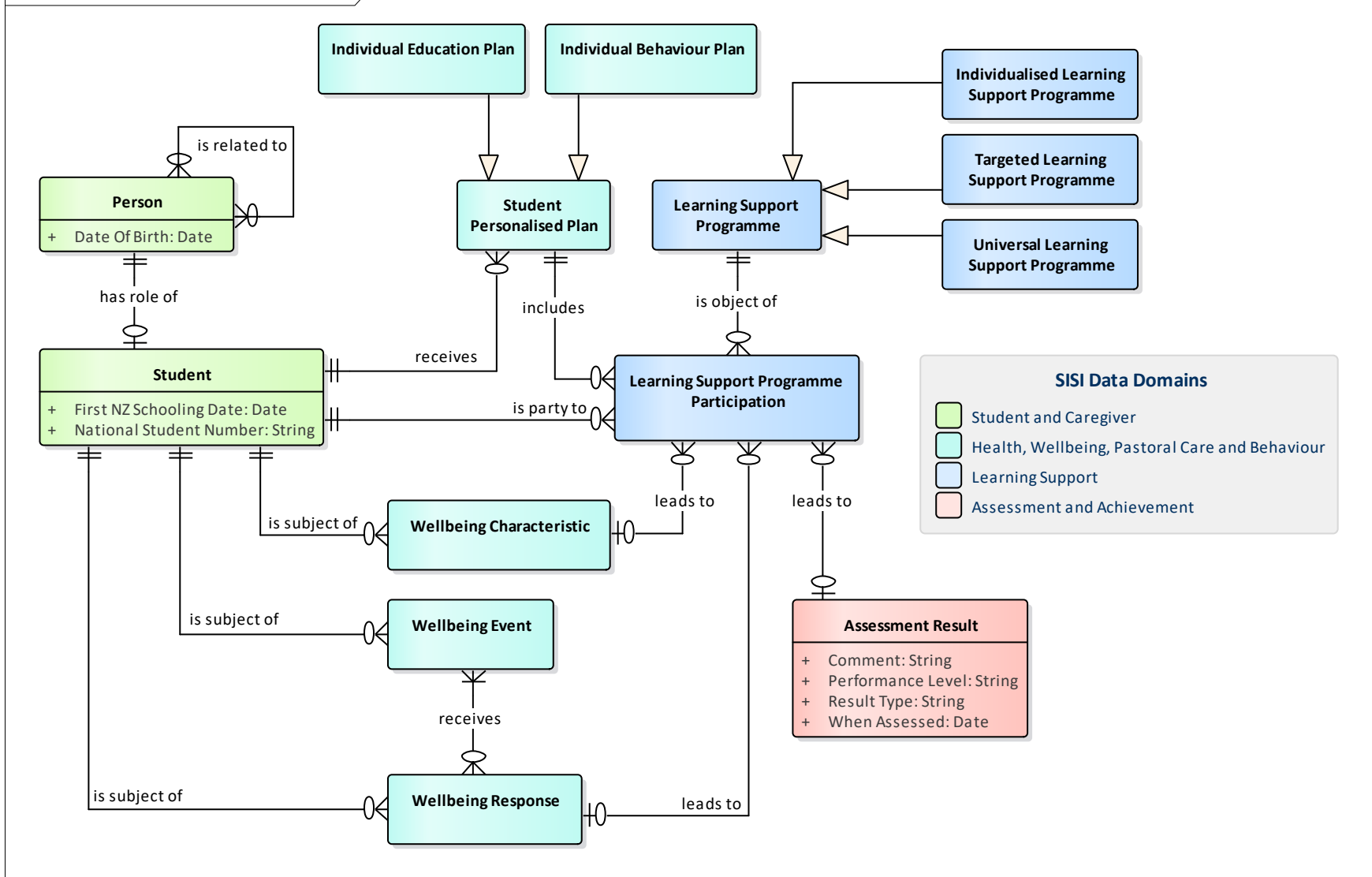


Figure 2: Student Learning Support Participation – Conceptual Model

class 7c. Student Voice and Activity Participation

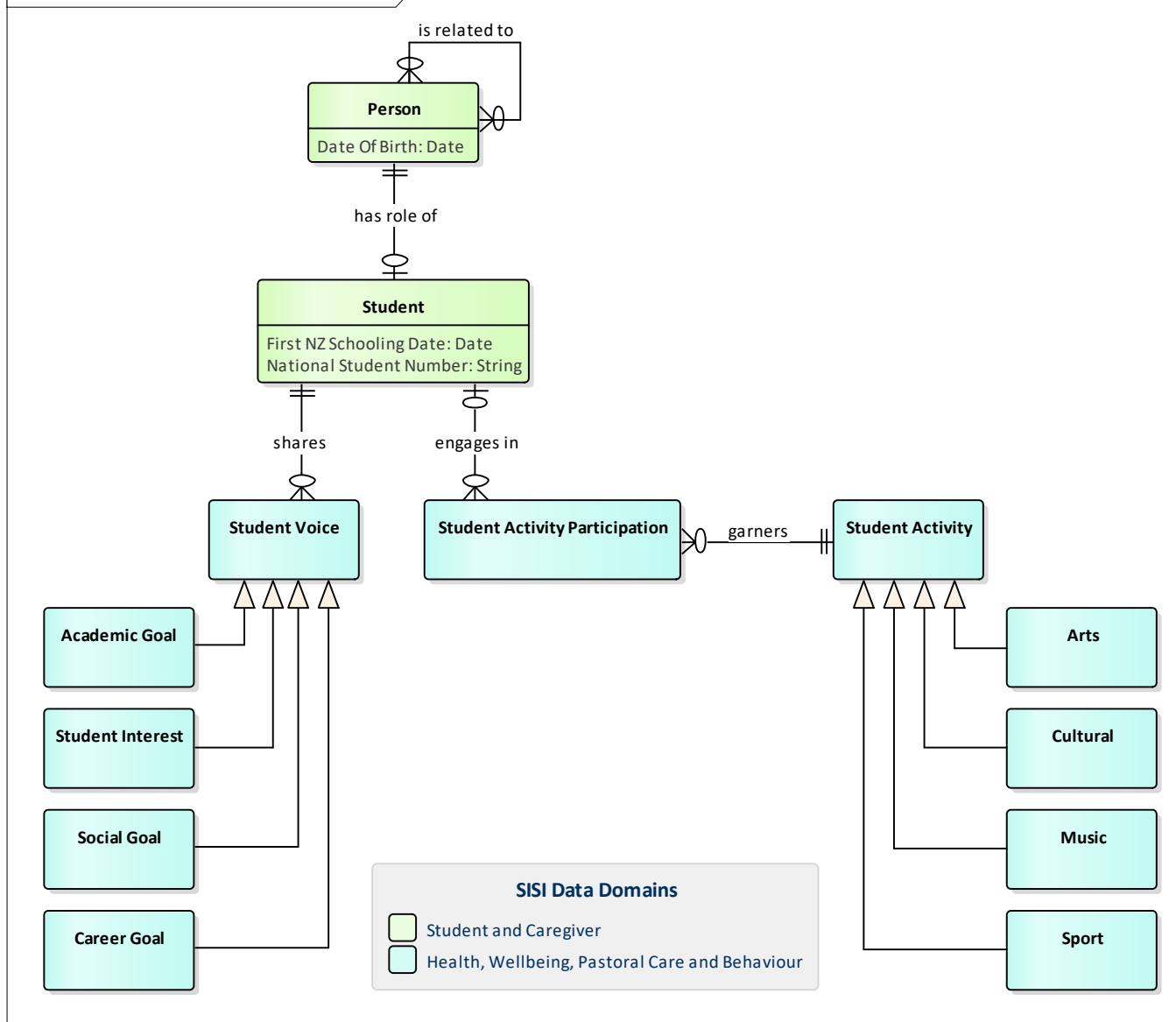


Figure 3: Student Voice and Activity Participation – Conceptual Model

2 Logical Data Model

The concepts introduced in the conceptual models above are realised in the following Wellbeing, Student Activity, Personalised Plan, Student Voice and Learning Support data objects.

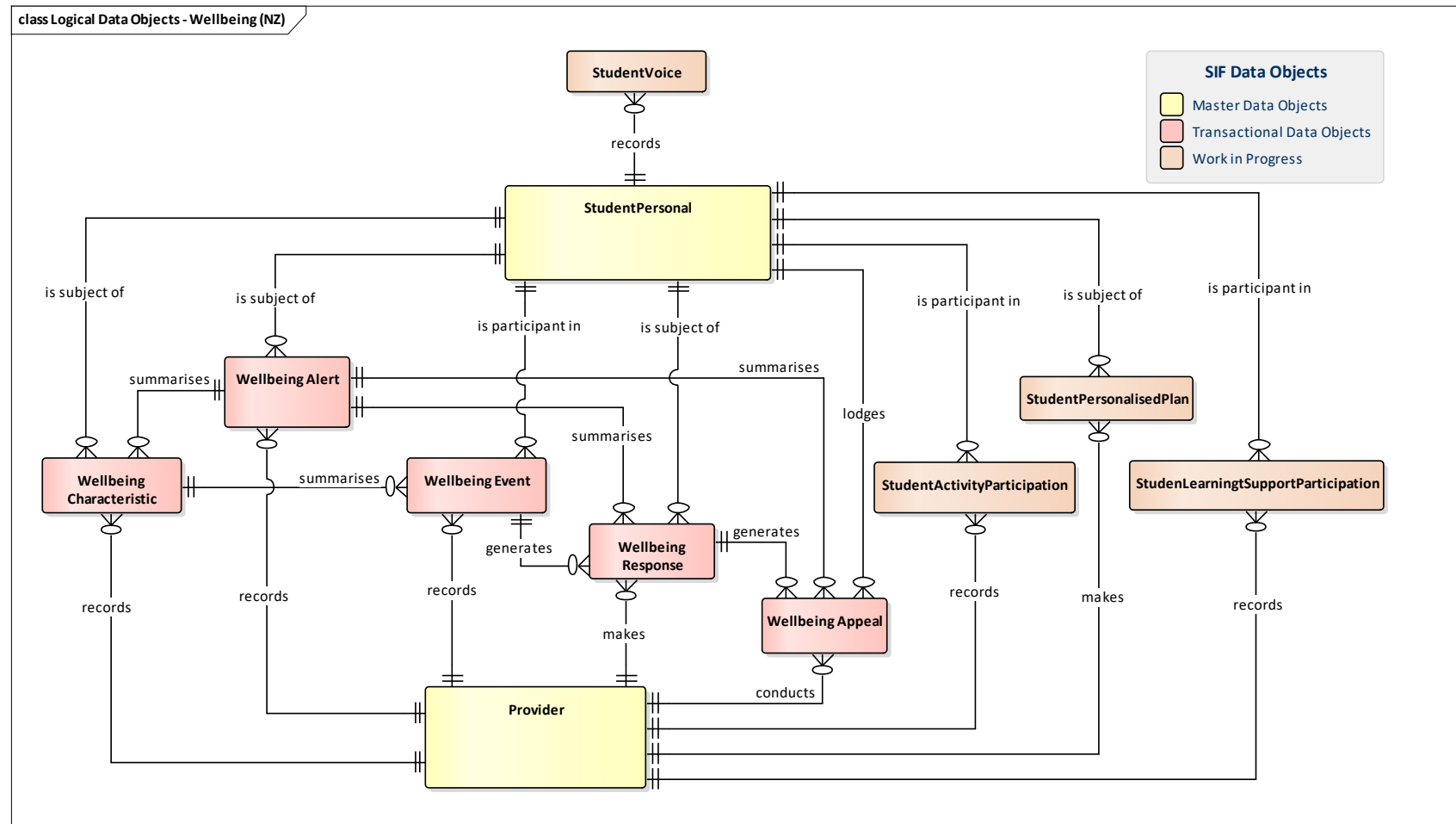


Figure 4: Student Wellbeing Relationships - Logical Model

3 Student Activity Participation Data Object

Information on a co-curricular or extra-curricular activity in which a student participates during a given school year is recorded using the StudentActivityParticipation data object (with matching API endpoints).

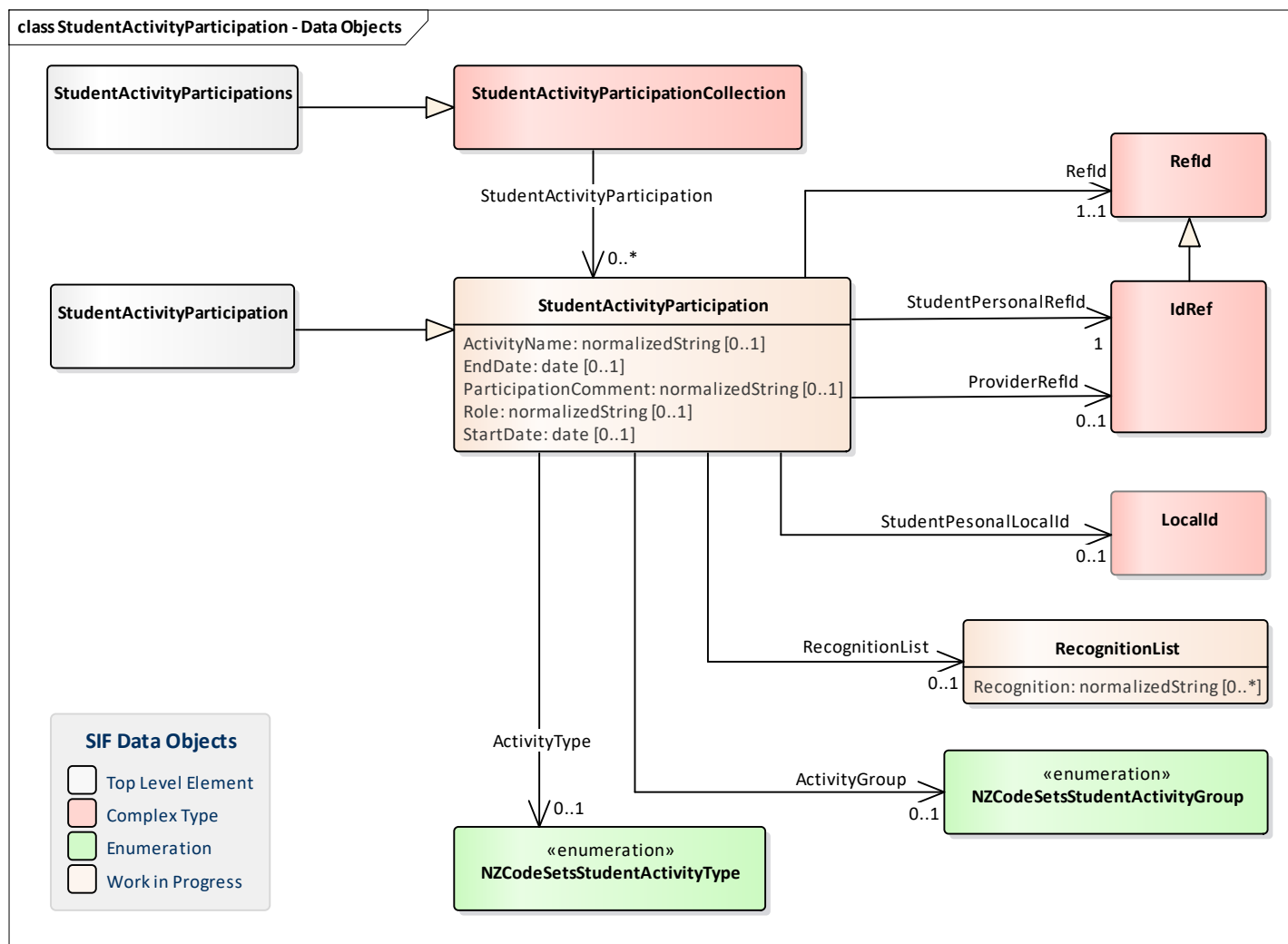


Figure 5: Student Activity Participation Data Object

4 Student Learning Support Participation Data Object

A student's participation in learning support programmes, where they are at risk of not achieving or are gifted learners, is recorded using the StudentLearningSupportParticipation data object (with matching API endpoints).

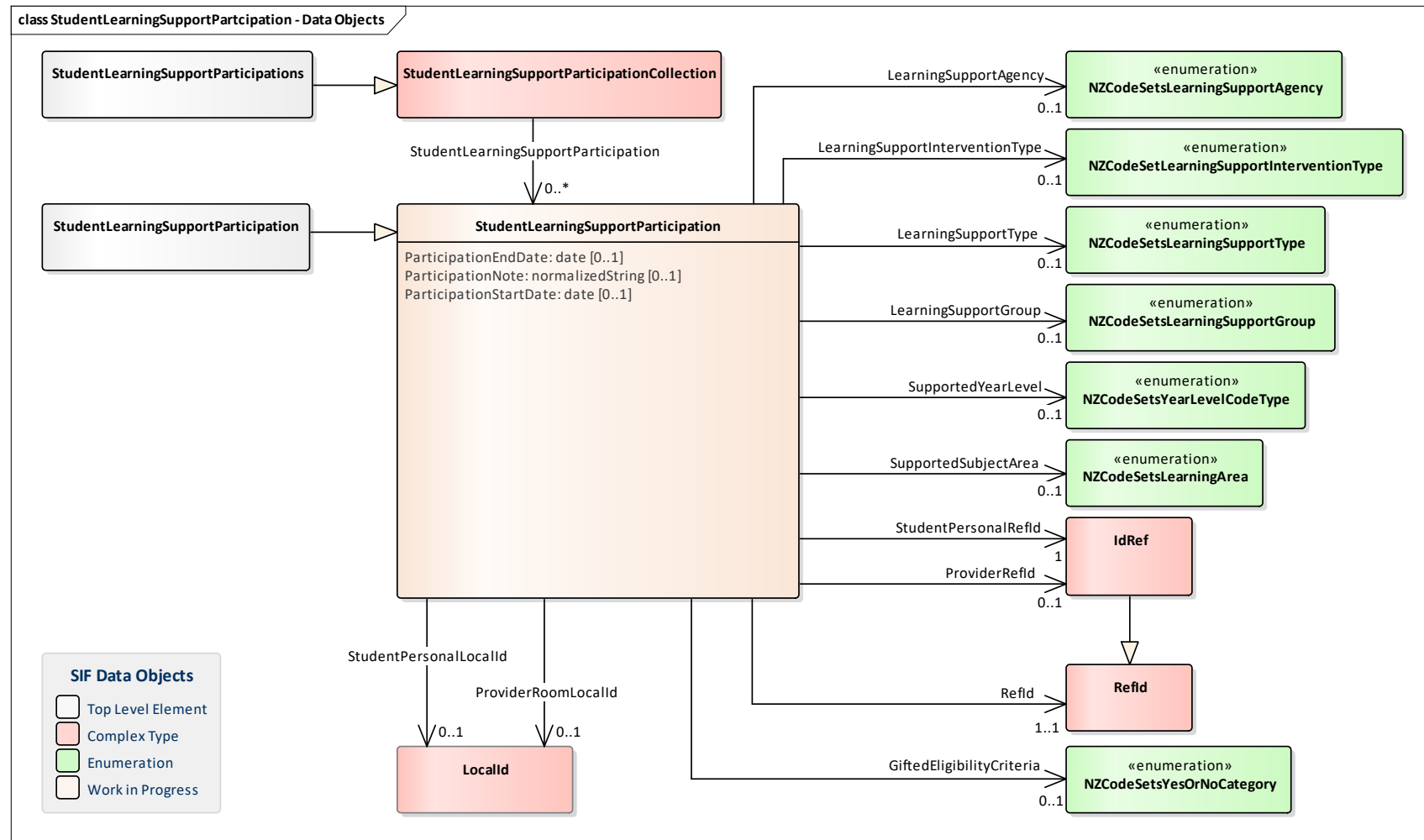


Figure 3: Student Learning Support Participation Data Object

5 Student Personalised Plan Data Object

Personalised plans developed for a student as a result of a Wellbeing Event or Characteristic, legal order, pastoral care information, ability or student behaviour are recorded using the StudentPersonalisedPlan data objects (with matching API endpoints).

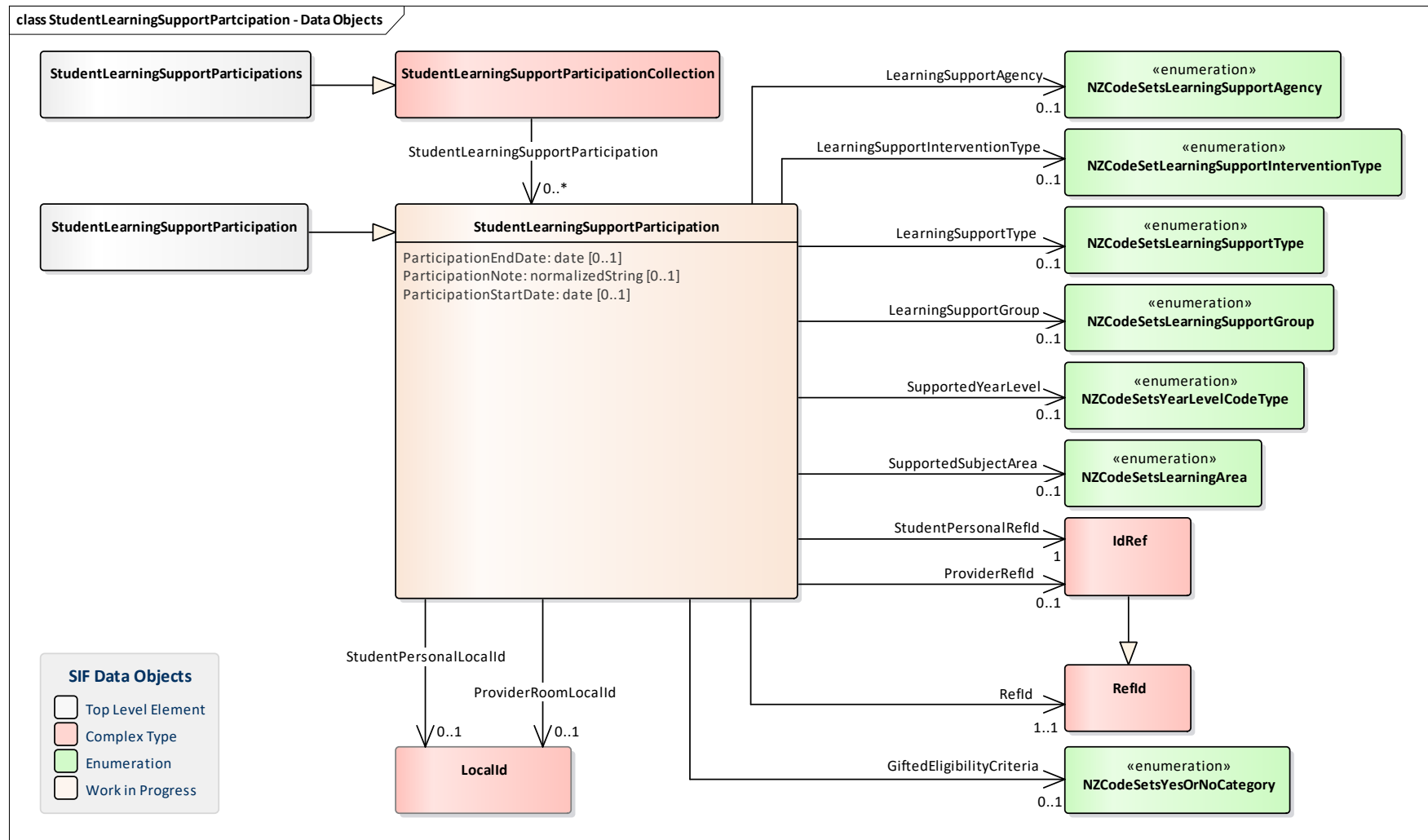


Figure 4: Student Personalised Plan Data Object

6 Student Voice Data Object

Information about a student's interests and academic, career and social goals are recorded using the StudentVoice data object (with matching API endpoints).

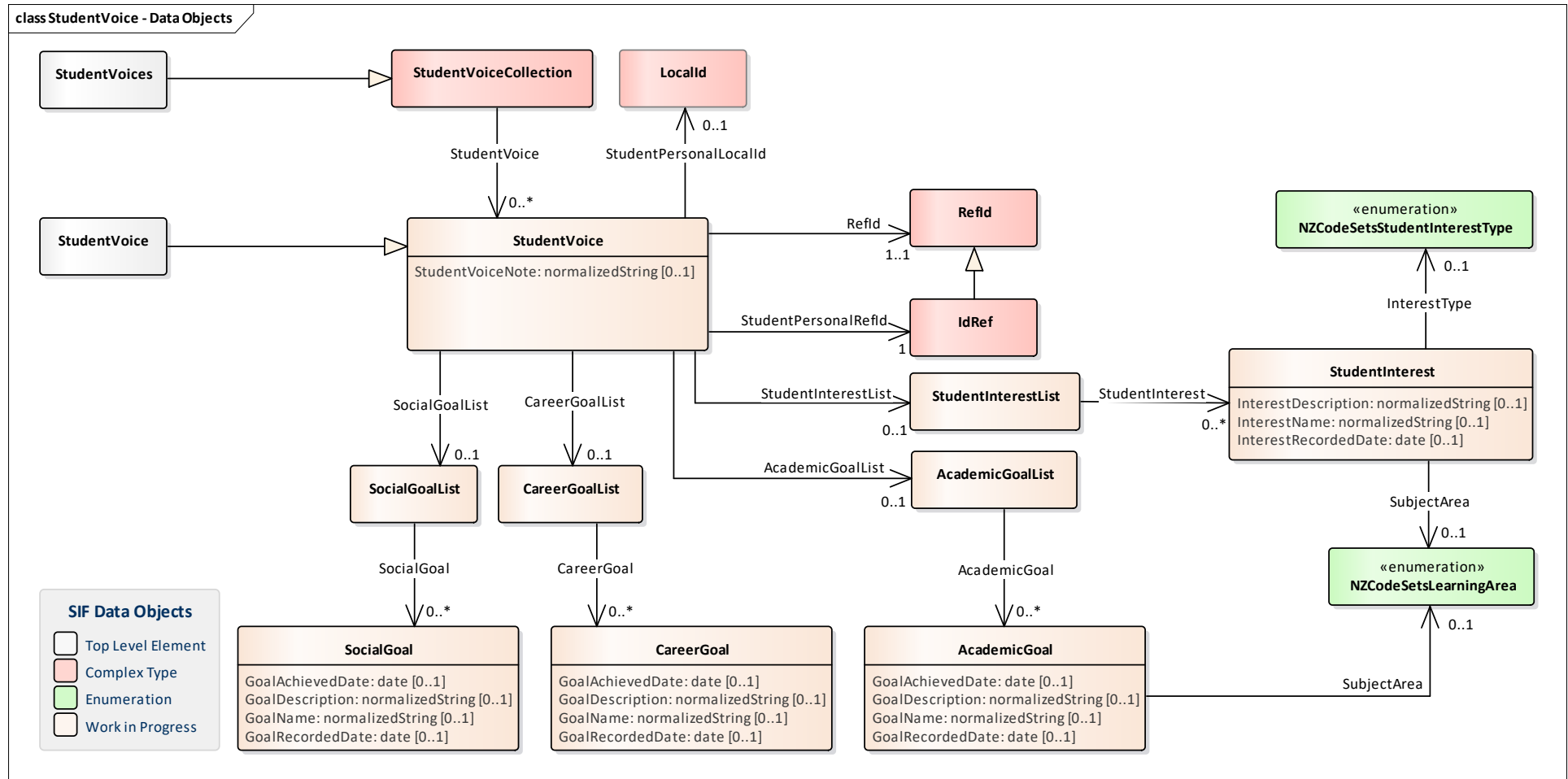


Figure 8: Student Voice Data Object

7 Wellbeing Alert Data Object

Indicators highlighting further intervention or knowledge is required about a student, e.g. in regards to medical, behavioural, mental health, legal, are recorded in the WellbeingAlert data object (with matching API endpoints).

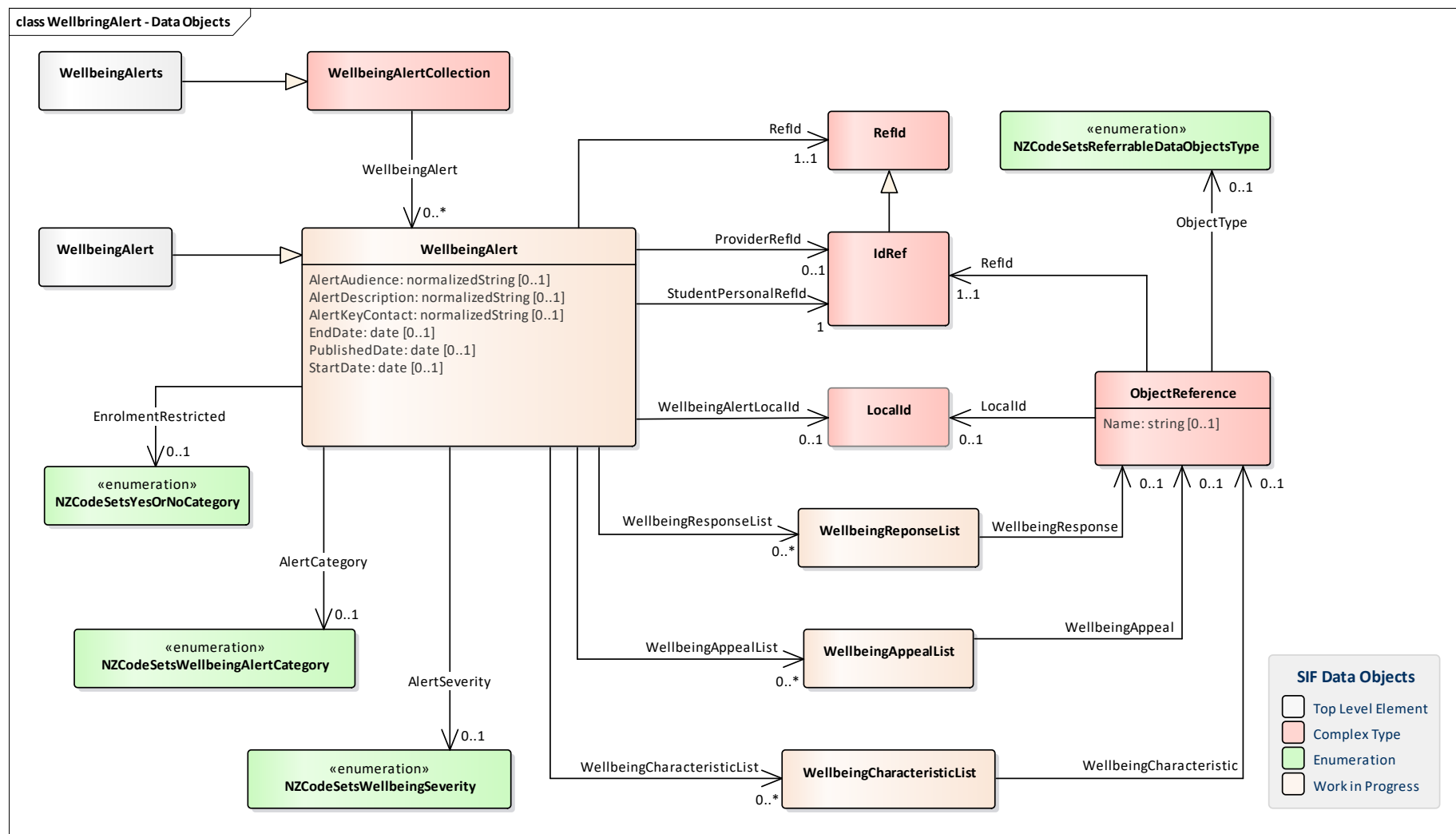


Figure 5: Wellbeing Alert Data Object

8 Wellbeing Appeal Data Object

The information about the outcome of an “appeal” or a “request” made in regard to a negative/punitive Wellbeing Response is recorded in the WellbeingAppeal data object (with matching API endpoints).

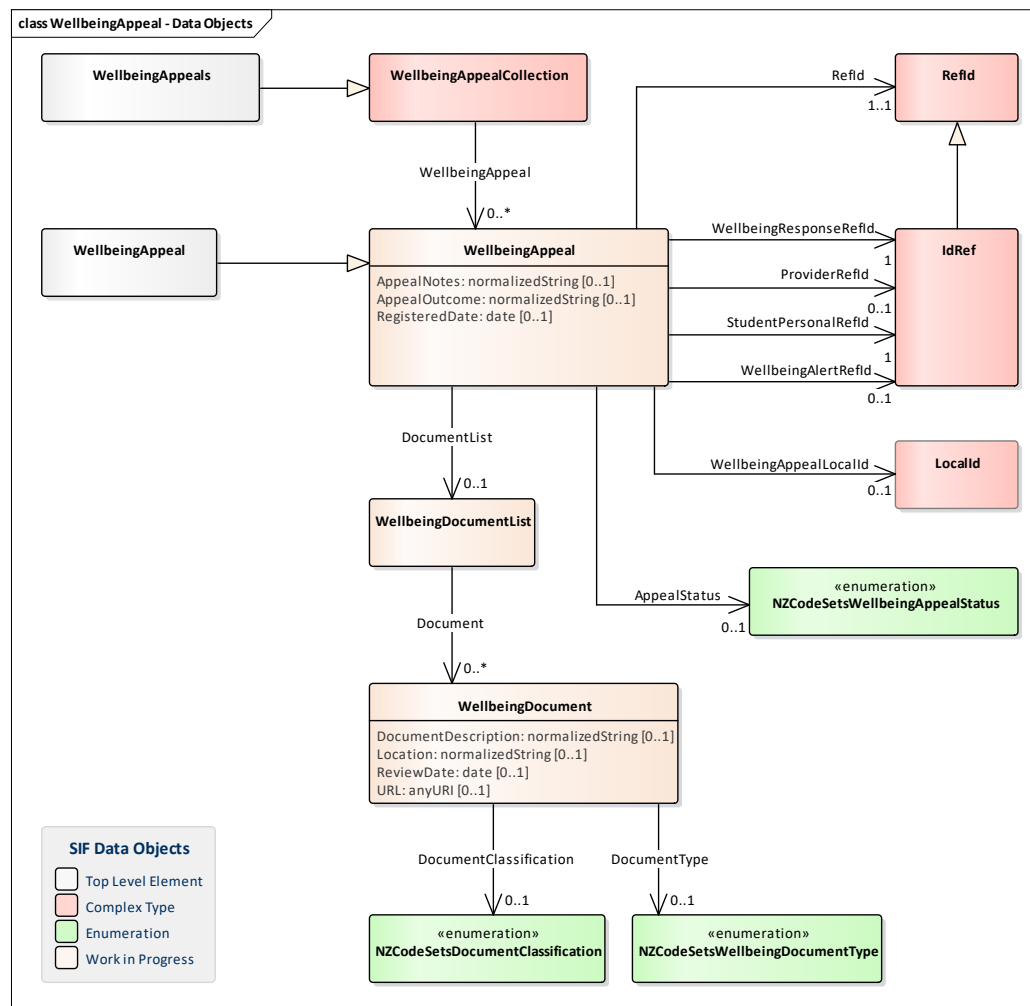


Figure 10: Wellbeing Appeal Data Object

11 Wellbeing Response Data Object

The outcome of a student Wellbeing Event, the people involved and any associated appeals, suspensions, detentions, awards, personal plan requirements, and expulsions/exclusions, are recorded in the WellbeingResponse data object (with matching API endpoints).

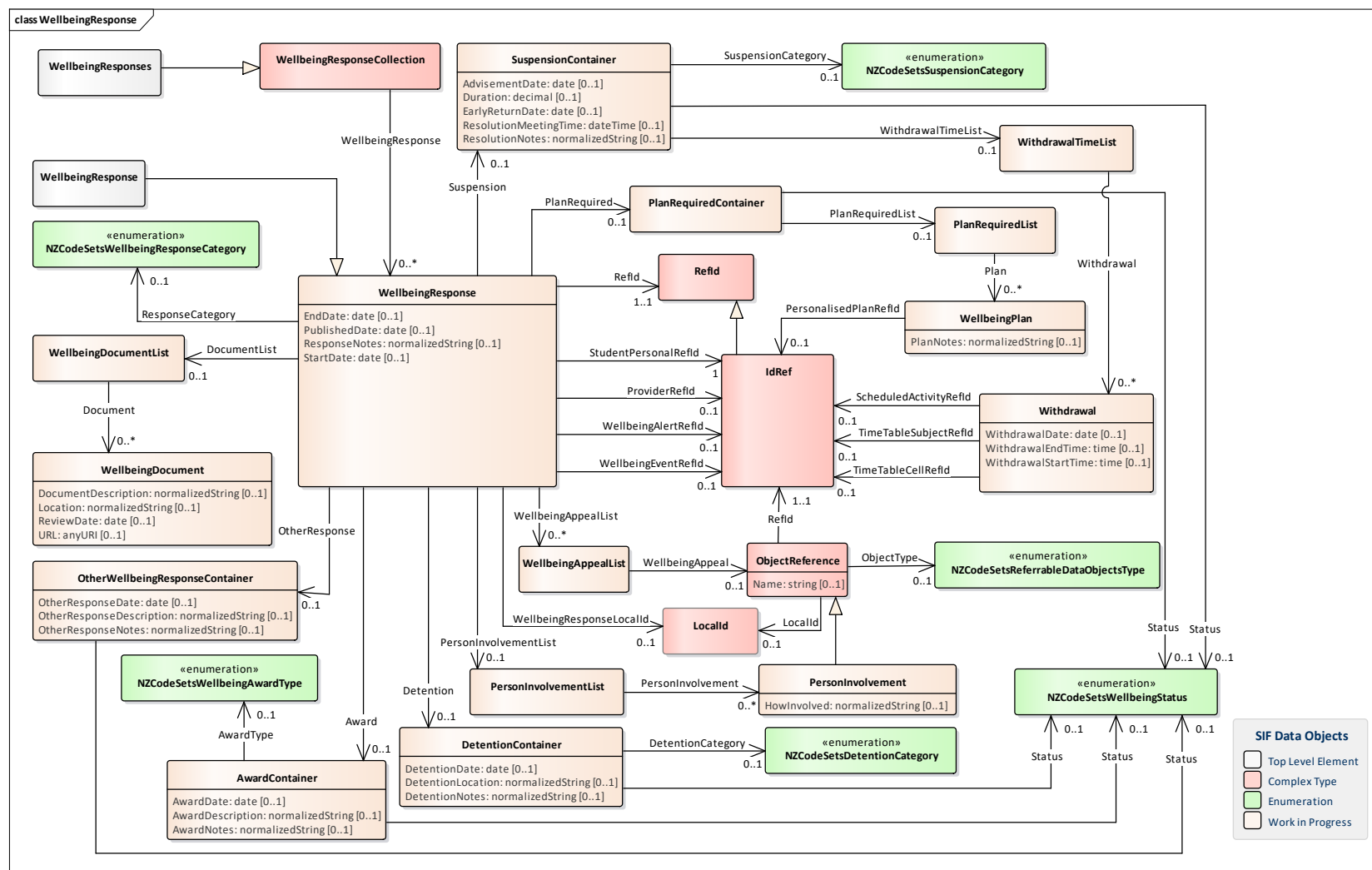


Figure 13: Wellbeing Response Data Object

12 Document Control

12.1 Amendment History

Version No	Description of Change	Changed By	Date
0.1	Document assembled from various working documents as part of SIF NZ Data Model v3.0.1 publication process.	Amy Orr	31 Oct 2018

12.2 Related Documents

Ref #	Document Title	Version	Link

12.3 Distribution List

Name	Role	Function

12.4 Document Details

Document ID	
Document Last Saved Date	31-Oct-2018
Link to MoE Filenet Folder	<u>SIF NZ Data Model - Background</u>