BMS – SAD Examination

CANDIDATE: Davide Riemma M63001409

Glossary



Table of Contents

[Glossary 2](#_Toc107152656)

[Introduction – Scope of this Document - Business Model 2](#_Toc107152657)

[Actors 2](#_Toc107152658)

[Elements 2](#_Toc107152659)

# Glossary

# Introduction – Scope of this Document - Business Model

[Overall architecture of the Business model]

## Actors

Actors are the entities which operate on the Elements (see below) of the system. T*hey are dynamic figures which do not hold information on their state*, they are just those who start (or take part in) an action. Please, note that TIME is not present as a dedicated actor, as it is an entity which is always present in a system. For this reason, its *Definition ID I* will be VOC-00

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Definition ID** | **Term** | **Definition** | **Example** | **Synonyms** | **Notes** |
| VOC-01 | Authorized User | A user which ha total access to all functionalities of a subsystem | Someone who can add, delete or modify a student, a teacher, or a course. It has access to all functionalities of the "Manage Student", "manage course" and "Manage teacher" subsystems | Auth. User, Administrator | Usually, this user is the administrator of the system |
| VOC-02 | Course Student | A student which enrols in a course and therefore is a part of a group | A Course Student can be part of the C2-1 Class | Group Student, Student | A course student can be an individual student [VOC-03] and vice versa |
| VOC-03 | Individual Student | A student which:  1. Follows a Specific course, alone, and such course is tailored to the student's needs and times [VOC-03-01]  2. A student which takes generic language lessons [VOC-03-02] | An individual student can follow a standard B2 course alone [VOC-03-01], or can take conversation lessons [VOC-03-02] | None | An individual student can be a course student [VOC-02] and vice versa |
| VOC-04 | Teacher | A teacher, who, as far as the system is concerned, it an actor who checks for presences. | A teacher can mark a student as absent at a lesson on a given date | None | None |

## Elements

Elements are the object on which actors operate upon. They also make up the part of the system that can keep information about the status of the system itself, such as the database.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| VOC-ENT-01 | Individual Course | A course made up of only one student, which is of a particular level and can have a specific number of hours and flexible timetable, set by the student | A course can be individual of level C2 and taking place on Monday from 12am to 1 pm and on Wednesday from 10 to 11 am. The student decides the timetable. | Individual | None |
| VOC-ENT-02 | Collective Course | A course which has more than one student and has a fixed class timetable decided by the teacher and the administrator and a specific level. **This category includes also semi-individual courses** | A collective B2 level course can take place on Monday from 5pm to 7pm and only the Administrator can change its timetable | Collective | None |
| VOC-ENT-03 | Class | A Class is a collection of one or more students, a teacher, a book and a Course. | The Teen 1 Class is teaching the B1 English level, is made up of 13 students, the teacher is David, and the book is “Activating Grammar” | None | It might seem as if it was a link table in a many-to-many relationship, but it has its own pieces of information (the book) which is not stored anywhere else in the system. |
| VOC-ENT-04 | Course | A course is an abstract entity which contains information about the CEFR Reference level and the nickname that the school gives to it | C2 - Adult V | None | None |