

DashBoard

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It is important to note the model/class 'Cohort' is referred to as a 'Class' in many functions but in reality we are still dealing with 'Cohort's.

1 API

1.1 Users

1.1.1 Get user.name from user.id

Input: user.id (Integer)
Output: user.name (String)
Function: get_user_name(id)
URL: /get_user_name/< id >

1.1.2 Get user.id's from class.id

Input: cohort.id (Integer)
Output: user.id's (List of Integers)
Function: get_users_from_class(id)
URL: /get_users_from_class/< id >

1.2 Classes

1.2.1 Get Class(cohort).id's from teacher.id

Input: user.id (Integer)
Output: cohort.id's (List of Integers)
Function: get_classes_from_teacher_id(id)
URL: /get_classes_from_teacher_id/< id >

1.2.2 Get Class information

Input: cohort.id (Integer)
Output: Dictionary:

- 'inv_code'

- 'class_name'
- 'max_students'
- 'cur_students'
- 'class_language_id'

Function: `get_class_info(id)`

URL: `/get_class_info/< id >`

1.2.3 Create class

Input: blank but requires Form in body.

Form:

- 'inv_code'
- 'class_name'
- 'max_students'
- 'teacher_id'
- 'class_language_id'

Output: 'Added class.'

Function: `add_class()`

URL: `/add.class`

2 CORE

2.1 Cohort

2.1.1 Variables

- 'id' (Integer)
- 'inv_code' (String)
- 'class_name' (String)
- 'max_students' (int)
- 'cur_students' (int)
- 'teacher_id' (int)
- 'class_language_id' (String)
- 'class_language' (Language)

2.1.2 Class Methods

- `find(id)` : Returns (Cohort)
- `get_id(inv_code)` : Returns (Integer)

2.1.3 Normal Methods

- `get_students()`: Returns (User)'s
- `get_teachers()`: Returns (User)'s where (User)=(Teacher)
- `request_join()`: Returns (Boolean)
- `undo_join()`: Returns (void)