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| **Timetable Generator** |
| Step 1 |
| Functional Requirements Specification |
| Profile Use Cases & Acceptance Criteria |

|  |  |
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Document Reference

| **#** | **Document Name** | **Description** |
| --- | --- | --- |
|  |  |  |

Glossary of Terms

| **#** | **Acronym** | **Interpretation** |
| --- | --- | --- |
|  |  |  |

# Introduction

This document has been executed by TG Group in Analysis Phase of Step 1 of Timetable Generator Project.

## Document Purpose

This document defines functional requirements for Step 1 of Timetable Generator Project.

## Approach

This document consists of ...

## Use-Cases Numbering Rules

Use-Cases listed in this document are numbered according to the following rule:

*<Short Name of Actor>.<Short Name of Entity>.<Sequential Number of Use-Case>.<Short Name Use-Case>*

*<Short Name of Actor>* is a short name of actor in the system. See **table 1** below for details.

*<Short Name of Entity>* is a short name of entity in the system. See **table 2** below for details.

*<Sequential Number of Use-Case>* is a number that starts from 1 and is increased by 1 in scope of <Short Name of Actor>.<Short Name of Entity>.

<Short Name of Use-Case> is a brief description of Use Case

Table 1 Short Name of Actor

| **#** | **Actor** | **Short Name** |
| --- | --- | --- |
|  | Student | S |
|  | Teacher | T |
|  | Methodologist | M |
|  | Administrator | A |

Table 2 Short Name of Entity

| **#** | **Entity** | **Short Name** |
| --- | --- | --- |
|  | Faculty | FCL |
|  | Department (Cathedra) | DPR |
|  | Teacher | TCH |
|  | Specialization | SPC |
|  | Student | STD |
|  | Methodologist | MST |
|  | Subject | SBJ |
|  | Building | BLD |
|  | Room | ROM |
|  | Day | DAY |
|  | Pair | PAR |
|  | Week | WEK |
|  | Timetable | TMT |
|  | Templane | TMP |
|  | Qualification | QLF |
|  | Course | CRS |
|  | Group | GRP |
|  |  |  |
|  |  |  |

# Profile Use Cases

## A.01 Log In

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Administrator’s email and password for authorization.

### Acceptance Criteria

#### **As an administrator, I should be able to see panel of authorization, which exist in the system.**

#### **As an administrator, I should be able to log in the system using my email and password.**

#### **As an administrator, I should be able to restore information about my email or password in case of forgetting it.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  |  |  | Open |
|  |  |  | Closed |

## A.02 View Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As an administrator, I should be able to see my full name in “My profile” tab.**

#### **As an administrator, I should be able to see my cathedra in “My profile” tab.**

#### **As an administrator, I should be able to see my position in “My profile” tab.**

#### **As an administrator, I should be able to see my telephone number in “My profile” tab.**

#### **As an administrator, I should be able to see my address in “My profile” tab.**

#### **As an administrator, I should be able to see my email in “My profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  |  |  | Open |
|  |  |  | Closed |

## A.03 Edit Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Administrator’s email, password for changing authorization information. Administrator’s full name, cathedra, position, telephone number, address for changing profile information.

### Acceptance Criteria

#### **As an administrator, I should be able to edit my full name in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my cathedra in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my position in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my telephone number in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my address in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my email in “Edit profile” tab.**

#### **As an administrator, I should be able to edit my password in “Edit profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  |  |  | Open |
|  |  |  | Closed |

## A.MST.04 Create Methodologist

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Name’ of ‘New Methodologist’.
* Parameters values of ‘New Methodologist’.

### Acceptance Criteria

#### **As an administrator, I should be able to see list of methodologists, which exist in the system under particular ‘Faculty’.**

#### **As an administrator, I should be able to create ‘New Methodologist’ with given full name, faculty, telephone number, address, email and password.**

#### **As an administrator, I should be able to put values of parameters of already created ‘Methodologist’.**

#### **As an administrator, I should be able to see values of already put parameters.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  |  |  | Open |
|  |  |  | Closed |

## A.MST.05 Update Methodologist

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Methodologist’ to be updated.
* New values of ‘Methodologist’ parameters to be updated.

### Acceptance Criteria

#### **As an administrator, I should be able to see list of ‘Methodologists’, which exist in the system under particular ‘Faculty’.**

#### **As an administrator, I should be able to update values of parameters of given ‘Methodologist’.**

#### **As an administrator, I should be able to see values of already updated parameters.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  |  |  | Open |
|  |  |  | Closed |

## A.MST.06 Delete Methodologist

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Methodologist’ to be deleted.

### Acceptance Criteria

#### **As an administrator, I should be able to see list of ‘Methodologists’, which exist in the system under particular ‘Faculty’.**

#### **As an administrator, I should be able to delete given ‘Methodologist’ in case if any child object is exist.**

#### **As an administrator, I should be able to delete given ‘Methodologist’ with all child objects.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
|  | What are the conditions we can delete object in case of? (AC 2 /\ AC 3) |  | Open |
|  |  |  | Closed |

## A.07 Log Off

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As an administrator, I should be able to log off system, using “Log off” button.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.01 Log In

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Methodologist’s email and password for authorization.

### Acceptance Criteria

#### **As a methodologist, I should be able to see panel of authorization, which exist in the system.**

#### **As a methodologist, I should be able to log in the system using my email and password.**

#### **As a methodologist, I should be able to restore information about my email or password in case of forgetting it.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.02 View Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a methodologist, I should be able to see my full name in “My profile” tab.**

#### **As a methodologist, I should be able to see my faculty in “My profile” tab.**

#### **As a methodologist, I should be able to see my telephone number in “My profile” tab.**

#### **As a methodologist, I should be able to see my address in “My profile” tab.**

#### **As a methodologist, I should be able to see my email in “My profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.03 Edit Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Methodologist’s email, password for changing authorization information. Methodologist’s full name, faculty, telephone number, address for changing profile information.

### Acceptance Criteria

#### **As a methodologist, I should be able to edit my full name in “Edit profile” tab.**

#### **As a methodologist, I should be able to edit my faculty in “Edit profile” tab.**

#### **As a methodologist, I should be able to edit my telephone number in “Edit profile” tab.**

#### **As a methodologist, I should be able to edit my address in “Edit profile” tab.**

#### **As a methodologist, I should be able to edit my email in “Edit profile” tab.**

#### **As a methodologist, I should be able to edit my password in “Edit profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.TCH.04 Create Teacher

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Name’ of ‘New Teacher.
* Parameters values of ‘New Teacher.

### Acceptance Criteria

#### **As a methodologist, I should be able to see list of teachers, which exist in the system under particular ‘Department’.**

#### **As a methodologist, I should be able to create ‘New Teacher’ with given ‘Name’.**

#### **As a methodologist, I should be able to put values of parameters of already created ‘Teacher’.**

#### **As a methodologist, I should be able to see values of already put parameters.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.TCH.05 Update Teacher

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Teacher’ to be updated.
* New values of ‘Teacher’ parameters to be updated.

### Acceptance Criteria

#### **As a methodologist, I should be able to see list of ‘Teachers’, which exist in the system under particular ‘Department’.**

#### **As a methodologist, I should be able to update values of parameters of given ‘Teacher’.**

#### **As a methodologist, I should be able to see values of already updated parameters.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## M.TCH.06 Delete Teacher

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* ‘Teacher’ to be deleted.

### Acceptance Criteria

#### **As a methodologist, I should be able to see list of ‘Teachers’, which exist in the system under particular ‘Department’.**

#### **As a methodologist, I should be able to delete given ‘Teacher’ in case if any child object is exist.**

#### **As a methodologist, I should be able to delete given ‘Teacher’ with all child objects.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. | What are the conditions we can delete object in case of? (AC 2 /\ AC 3) |  | Open |
| 2. |  |  | Closed |

## M.07 Log Off

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a methodologist, I should be able to log off system, using “Log off” button.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## T.01 Log In

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Teacher’s email and password for authorization.

### Acceptance Criteria

#### **As a teacher, I should be able to see panel of authorization, which exist in the system.**

#### **As a teacher, I should be able to log in the system using my email and password.**

#### **As a teacher, I should be able to restore information about my email or password in case of forgetting it.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## T.02 View Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a teacher, I should be able to see my full name in “My profile” tab.**

#### **As a teacher, I should be able to see my cathedra in “My profile” tab.**

#### **As a teacher, I should be able to see my position in “My profile” tab.**

#### **As a teacher, I should be able to see my telephone number in “My profile” tab.**

#### **As a teacher, I should be able to see my address in “My profile” tab.**

#### **As a teacher, I should be able to see my email in “My profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## T.03 Edit Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Teacher’s email, password for changing authorization information. Teacher’s telephone number, address for changing profile information.

### Acceptance Criteria

#### **As a teacher, I should be able to edit my telephone number in “Edit profile” tab.**

#### **As a teacher, I should be able to edit my address in “Edit profile” tab.**

#### **As a teacher, I should be able to edit my email in “Edit profile” tab.**

#### **As a teacher, I should be able to edit my password in “Edit profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## T.04 Log Off

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a teacher, I should be able to log off system, using “Log off” button.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## S.01 Log In

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Student’s email and password for authorization.

### Acceptance Criteria

#### **As a student, I should be able to see panel of authorization, which exist in the system.**

#### **As a student, I should be able to log in the system using my email and password.**

#### **As a student, I should be able to restore information about my email or password in case of forgetting it.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## S.02 View Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a student, I should be able to see my full name in “My profile” tab.**

#### **As a student, I should be able to see my faculty in “My profile” tab.**

#### **As a student, I should be able to see my specialization in “My profile” tab.**

#### **As a student, I should be able to see my course in “My profile” tab.**

#### **As a student, I should be able to see my telephone number in “My profile” tab.**

#### **As a student, I should be able to see my address in “My profile” tab.**

#### **As a student, I should be able to see my email in “My profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## S.03 Edit Profile

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* Student’s email, password for changing authorization information. Student’s telephone number, address for changing profile information.

### Acceptance Criteria

#### **As a student, I should be able to edit my telephone number in “Edit profile” tab.**

#### **As a student, I should be able to edit my address in “Edit profile” tab.**

#### **As a student, I should be able to edit my email in “Edit profile” tab.**

#### **As a student, I should be able to edit my password in “Edit profile” tab.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |

## S.04 Log Off

### Status

|  |  |
| --- | --- |
| **Use-Case Status** | Under preparation  Ready for approval  **Approved** |
| **Approved When** | DD.MM.YYYY |

### Inputs

* None.

### Acceptance Criteria

#### **As a teacher, I should be able to log off system, using “Log off” button.**

### Open questions

| **No.** | **Question** | **Answer** | **Status** |
| --- | --- | --- | --- |
| 1. |  |  | Open |
| 2. |  |  | Closed |