

# Iteration Plan

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**Document owner:** Pietro Moretto is responsible for developing and maintaining this document.

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**Version:** 1.0

## Revision History

Version	Date	Name	Description
1.0	22/04/2020	Pietro Moretto	Initial document

## 1 Iteration #1 (29/03/2019 - 04/04/2019)

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### 1.1 Objectives

Encapsulate MarconiTT inside Docker containers and add new features.

### 1.2 Use Cases

#### UC1 - Docker Containerization

1. Log in on the production server using SSH
2. Obtain super user privileges using:
  - `$ su`
3. Stop docker-compose:
  - `$ docker-compose down`
4. Copy the container folder with the new changes to the docker\_env folder on the server
5. Set production configuration on:
  - `docker_env/angular/app/app.js`
  - `docker_env/node_server/config_default.js`
  - `docker_env/carica_orario/scripts/orario_conf.json`
6. Run the following commands into the docker\_env folder:
  - `$ docker system prune -a`
  - `$ docker-compose -f docker-compose-prod.yml build`
  - `$ docker-compose -f docker-compose-prod.yml up -d`
7. Disconnect from the production server

#### UC2 - Multiple days booking

1. Log in on MarconiTT using user credentials
2. Select the day to create the booking
3. Select the classroom and the repetition
4. Select the hour
5. Select for who is the booking

6. Click on *Conferma*
7. Disconnect from the application

### UC3 - Calendar feature

1. Log in on MarconiTT using user credentials
2. Click on *Gestisci prenotazioni*
3. Click on the calendar icon
4. Select the day
5. Disconnect from the application

## 1.3 Task Schedule

Task	Estimated Effort	Actual Effort	Estimated Completion Date	Actual Completion Date	Owner/s	Status
Learn how to use docker	6	12	30/03/2019	31/03/2019	Raul Farkas, Pietro Moretto, Pozzani Samuele	Finished
Encapsulate MarconiTT inside Docker containers	8	5	31/03/2019	31/03/2019	Raul Farkas	Finished
Add multiple days booking feature	7	7	02/04/2019	01/04/2019	Pietro Moretto	Finished
Add calendar feature and add new logo	8	8	04/04/2019	04/04/2019	Samuele Pozzani	Finished

## 2 Iteration #2 (14/09/2019 - 11/10/2019)

### 2.1 Objectives

Create Python scripts that allows for automatic timetable update. Move Webserver and MarconiTT on edu-x08.

### 2.2 Use Cases

UC1 - Automatic Timetable Update

1. Log in on the pruduction server using SFTP (CLI or Filezilla)
2. Copy the updated files GPU001 and GPU004a to /flussi\_marconitt
3. Await until the updater starts (max 60 seconds)
4. Disconnect from the production server

## UC2 - Edu-x08

1. Digit the URL <http://edu-x08/marconitt>
2. Start using the application

## UC3 - Webserver On Edu-x08

1. Digit the URL <http://edu-x08> or the alias <http://webserver>
2. Click on *AuleTT* tile
3. Now you can log in on MarconiTT using the AD credentials

## 2.3 Task Schedule

Task	Estimated Effort	Actual Effort	Estimated Completion Date	Actual Completion Date	Owner/s	Status
Create Python scripts for automatic timetable updates	20	20	08/10/2019	11/10/2019	Pietro Moretto, Mateo Picari	Finished
Move MarconiTT on edu-x08	8	10	25/09/2019	24/09/2019	Raul Farkas, Samuele Pozzani	Finished
Move webserver with AD access API on edu-x08	3	3	30/09/2019	30/09/2019	Raul Farkas, Samuele Pozzani	Finished

## 3 Iteration #3 (14/10/2019 - 05/01/2020)

### 3.1 Objectives

Write software documentation. Add new API. Tweaks and bugfixes.

### 3.2 Use Cases

## UC1 - Bug fixes

1. The overall user experience has improved visually and functionally

### 3.3 Task Schedule

Task	Estimated Effort	Actual Effort	Estimated Completion Date	Actual Completion Date	Owner	Status
Write software documentation	16	16	05/01/2020	05/01/2020	Raul Farkas, Pietro Moretto, Mateo Picari, Samuele Pozzani	Finished
Add ETL API	2	2	15/10/2019	15/10/2019	Raul Farkas, Samuele Pozzani	Finished
Tweaks and bug fixes	15	18	20/12/2019	21/12/2019	Raul Farkas, Pietro Moretto, Mateo Picari, Samuele Pozzani	Finished

## 4 Iteration #4 (07/01/2019 - )

### 4.1 Objectives

Update software on production server. Check for minor bugs. Prepare for release

### 4.2 Use Cases

#### UC1 - Product Release

1. Log in on MarconiTT using user credentials
2. You can book classrooms, view classroom bookings and events, insert events, free resources, manage classroom bookings

## 4.3 Task Schedule

Task	Estimated Effort	Actual Effort	Estimated Completion Date	Actual Completion Date	Owner	Status
Update software on production server	5		15/05/2020		Raul Farkas, Samuele Pozzani	Not started
Bug fixes / testing	6		10/05/2020		Pietro Moretto, Mateo Picari	Started
Product release	3		25/05/2020		Raul Farkas, Pietro Moretto, Mateo Picari, Samuele Pozzani	Not started