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# CoursesManagementApp

## Sprint Report

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The 10x'ers

Koureas Athanasios, 4392

Athanasios Papapostolou, 4147

Konstantinos Georgiou, 4333

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## VERSIONS HISTORY

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Date	Version	Description	Author
26/3/2022	v0.1	Tooling and basic requirements	Koureas Athanasios
2/4/2022	v1.0	-----	Koureas Athanasios

## 1 Introduction

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This document provides information concerning the **1st** sprint of the project.

## 2 Scrum team and Sprint Backlog

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### 2.1 Scrum team

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<b>Product Owner</b>	Koureas Athanasios
<b>Scrum Master</b>	Konstantinos Georgiou
<b>Development Team</b>	Konstantinos Georgiou, Papapostolou Athanasios, Koureas Athanasios

### 2.2 Sprints

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<b>Sprint No</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Number of weeks</b>	<b>User stories</b>
<b>1</b>	<b>19/3/2022</b>	<b>26/3/2022</b>	<b>1</b>	<b>NF-1</b>
<b>2</b>	<b>26/3/2022</b>	<b>2/4/2022</b>	<b>1</b>	<b>US-2,US-3,US-4</b>
<b>3</b>	<b>2/4/2022</b>	<b>9/4/2022</b>	<b>1</b>	<b>US-5,US-6,US-7,US-8</b>

## 2.3 Sprint Backlog

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Requirement Id	Which Sprint
NF1	Sprint No1
US-2,US-3,US-4	Sprint No2
US-5,US-6,US-7,US-8	Sprint No3

## 3 Use Cases

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<Specify the concrete Use Cases that describe the interaction of the user with the applications, as derived from the abstract user stories. Give a **UML Use Case diagram** and the **detailed use case descriptions**.>

### 3.1 <Use Case 1>

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<b>Use case ID</b>	Add Course Details
<b>Data</b>	Course id Course name Syllabus Year Semester
<b>Actors</b>	Professor

<b>Pre Conditions</b>	1. Professor should have issued the “Add” command
<b>Main flow of events</b>	1. Professor fills in the data textfields accordingly 2. Professor presses the “OK” button 3. System repeats the “Press Browse Button” use case
<b>Field not filled</b>	1. System notifies professor that a text field is not filled with data 2. System does not proceed and prompts professor to fill in the remaining fields
<b>Exiting Course</b>	1. System notifies professor that the course attempting to add exists in the list 2. System repeats the “Add Course Details”
<b>Post conditions</b>	1. List of courses is updated with the new item

### 3.2 <Use Case 2>

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<b>Use case ID</b>	Press Browse Button
<b>Data</b>	<>
<b>Actors</b>	Professor
<b>Pre Conditions</b>	<>
<b>Main flow of events</b>	1. Professor issues “Browse” command 2. Systems selects course list from the DBMS 3. User is presented with a list-view of all courses
<b>No Course Error</b>	1. System delivers error message “Oops, no course found to user”
<b>Post conditions</b>	<>

### 3.3 <Use Case 3>

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<b>Use case ID</b>	Press Remove Button
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<b>Data</b>	Course item
<b>Actors</b>	Professor
<b>Pre Conditions</b>	Should exist at least one course item
<b>Main flow of events</b>	<ol style="list-style-type: none"> <li>1. Professor issues "Delete" command</li> <li>2. System issues prompts professor with an "Are you Sure" alert</li> <li>3. Professor confirms the deletion of an item</li> <li>4. List of courses reactively removes the selected item</li> </ol>
<b>Post conditions</b>	<ol style="list-style-type: none"> <li>1. List of courses is updated without the recently removed course item</li> </ol>

### 3.4 <Use Case 4>

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<b>Use case ID</b>	Update Course Description
<b>Data</b>	Course id Course name Syllabus Year Semester
<b>Actors</b>	Professor
<b>Pre Conditions</b>	Course item we want to update should exist
<b>Main flow of events</b>	<ol style="list-style-type: none"> <li>1. Professor issues "Update" command</li> <li>2. System issues prompts professor form</li> <li>3. Professor fills in the data textfields accordingly</li> <li>4. Professor presses the "OK" button</li> <li>5. System repeats the "Press Browse Button" use case</li> </ol>
<b>Post conditions</b>	<ol style="list-style-type: none"> <li>1. List of courses is updated with the new course data</li> </ol>

## 4 Design

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### 4.1 Architecture

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<Specify the overall architecture for this release in terms of a **UML package diagram**.>

### 4.2 Design

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<Specify the detailed design for this release in terms of **UML class diagrams**.>

<Document the classes that are included in this release in terms of CRC cards according to the template that is given below.>

<b>Class Name: ....</b>	
<b>Responsibilities:</b> <ul style="list-style-type: none"><li>▪ ...</li><li>▪ ....</li><li>▪ ...</li></ul>	<b>Collaborations:</b> <ul style="list-style-type: none"><li>▪ ...</li><li>▪ ....</li><li>▪ ....</li></ul>

<b>Class Name: ....</b>	
<b>Responsibilities:</b> <ul style="list-style-type: none"><li>▪ ...</li><li>▪ ....</li><li>▪ ...</li></ul>	<b>Collaborations:</b> <ul style="list-style-type: none"><li>▪ ...</li><li>▪ ....</li><li>▪ ....</li></ul>

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