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| Project Plan  Online Learning Platform | Prince2  Author:  Owner:  Version: |

# Project Plan History

## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| version | Revision date | Implemented by | Reason |
| 1.0.0 | 04-03-2016 | Åsa Wegelius | First draft |
| 1.0.1 | 07-03-2016 | Åsa Wegelius | Added Gantt Chart, WBS, Flow Diagram and start of Requirements table |
| 1.0.2 | 17-03-2016 | Åsa Wegelius | Added plan description, assumptions, contingency plan |
|  |  |  |  |

## Approvals

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| --- | --- | --- | --- |
| Version | Name | Title | Date |
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## Distribution

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| --- | --- | --- | --- |
| Version | Name | Title | Date |
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# Purpose

The Project Plan shall establish a basis for the cost, management stages and control points in Online Learning Platform.

# Plan Description

The Student Application shall be up and running in 06-06-16. The stages in the project will be managed as Scrum Sprints. This gives time for three sprints before release. Each sprint will have a separate Gantt plan for monitoring the work.

We are going to manage the project according to Prince2 methodology and develop according to Scrum methodology. The project has one backlog linked to Project Management/Prince2 and one linked to Scrum. This sine there are different people involved in the different processes.

All tasks involving Project Management are entered in OnlineLearningPlatformPM backlog. The members choose themselves what task they want to deliver in each sprint. The backlog is divided into Themes where the themes corresponds to Prince2 themes:

We map the controlling theme to the sprints in scrum. That is, there are as many stages in that theme as we have sprints.

Pre-project ends with the approval of a Project Brief and Initiation ends with the approval of a Project Initiation Document. This backlog is not a Scrum Backlog. It is not owned by a Product Owner but is collectively owned by the Project Management team. That is Åsa Wegelius, Tudor Stoica, Adrian Lungeanu and Ionut Vieru. Its purpose is to divide work into manageable tasks that everyone involved can choose from.

OnlineLearningPlatformSD is a Scrum Backlog. The Scrum team consists of Åsa Wegelius, Tudor Stoica, Ionut Vieru and Clovis Lebret. Åsa Wegelius takes the role as Product Owner, that is, she is the sole owner of the backlog. Åsa Wegelius will both have the role of Product Owner and Developer due to shortage of staff even though it violates the Scrum methodology.

# Prerequisites

A Product Brief have been put together and have been approved by the Steering Committee.

# Dependencies

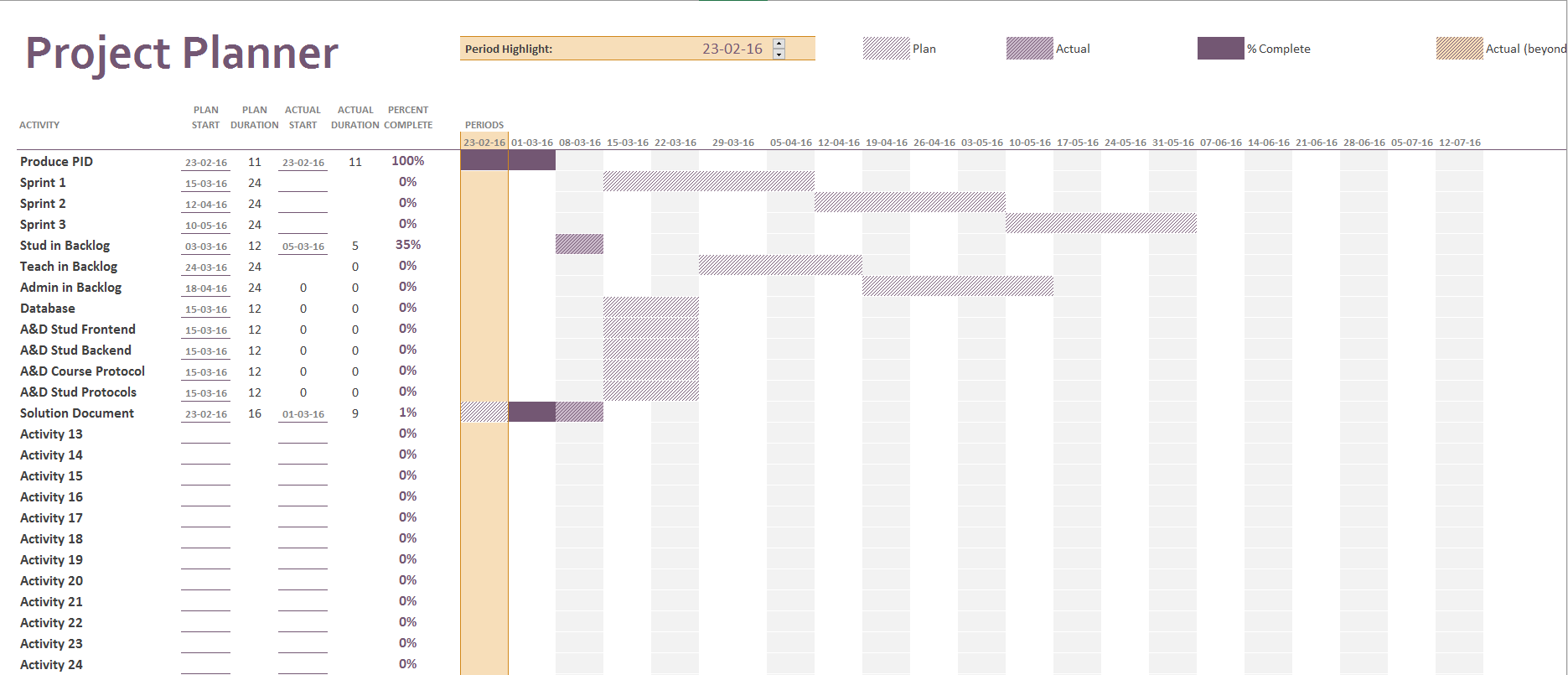
The product depends on gathering a pool of content writers to add relevant courses to the platform. It will just be an empty shell without any course material and as such it will be hard to show its relevance.

# Assumptions

Each team member knows what they can do and in which speed they can deliver. We assume that each one chooses tasks they can complete in time. And that they will give a warning in time if they fail to deliver so it will be possible for the team to find another solution in time.

# Project Plan

## Gantt or Bar Chart



[Link to online plan](http://wegelius.se/bilder/GanttChartProjectPlan.png)

## Product Breakdown Structure

## Product Flow Diagrams



## Product Descriptions

Frontend will be browser interface, backend will be Java Servlet, database will be MySQL

Administrator - should be able to:

* login into the system
* register Content Providers
* create, edit, remove courses and description of the courses
* add/remove videos
* add, edit, delete exercises files
* create/edit/remove payment plans

Content Providers - should be able to:

* login into the system
* create, edit, remove courses and description of the courses they own
* add, edit, delete exercises files they own
* add/remove videos and courses they own

Students - should be able to:

* register into the system
* login into the system / logout
* edit profile (personal info, password, etc.)
* choose payment plans and make payments
* view courses and videos
* create playlists
* view progress of the courses, history, related or recommended videos
* submit done exercises and receive result
* search for specific courses

## Financial Budget and Change Budget

We have no funding. All involved work pro-bono. We have no separate change budget.

## Resource Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WBS Activity | Skill needed | Name | Deliverable | Effort days |
| Create use cases | Domain knowledge | Ionut Vieru | Use Case document | 3 days |
| Create Backlog | Domain knowledge | Åsa Wegelius | Backlog | 15 days |
| Capture Furps+ | Domain knowledge | Åsa Wegelius | Supplementary Specification | 2 days |
| A & D Student Application | Object oriented analysis | The Dev Team | UML Diagrams | 9 days |
| Prepare Stud App Test | Test Analyst | Tudor Stoica | Test cases | 5 days |
| Test Stud Application |  | The Dev Team | Test Report | 5 days |
| Write Guides |  | Tudor Stoica | User guide  Maintenance guide | 5 days |
| Develop Student Browser interface | HTML/JSP/  JavaScript/CSS/  LESS | Ionut Vieru | A Web Interface | Three Sprints |
| Develop Student Server Application | Java, Json | Clovis Lebret  Åsa Wegelius | A Java Servlet | Three Sprints |
| Develop Database | MySQL | Åsa Wegelius | A database | 1 Sprint |

## Specific Resources

There are no specific resources planned apart from the above mentioned.

## Tolerance

Time: ± 0% | Cost: ± 0% | Quality: ± 20% | Scope: ± 10%

## Contingency Plans

We have no funding and no time to negotiate with. The two parameters left are quality and scope. Both parameters require changes. It will be handled as all changes:

* Insert suggestion in change log.
* Discuss it on appropriate meeting (Weekly team meeting, Sprint Planning, Daily standup etc)
* Decide reaction (=pending, approved, denied, abandoned)
* Carry out decision