Software Requirements Specification

for

Learning Park

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Revision History

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| **Name** | **Date** | **Reason For Changes** | **Version** |
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# Introduction

## Purpose

The purpose of this document is to present detailed description of the web application Learning Park. This will explain the purpose and feature of the application, the interfaces of the web application, what it will do and the constraints under which it must operate. This document is intended for user of the web application.

## Document Conventions

This document was created based on the IEEE template for System Requirement Specification Document.

## Intended Audience and Reading Suggestions

* Typical Users, such as students, who are new to university and not so aware of what to do next.
* The teachers who want to share their knowledge with the students.
* The learners who want to learn any particular topic but are not aware of the learning steps.

## Product Scope

Learning Park is a site where people can learn from uploaded file, video or linked video. They can use forum to ask for help. They can login and have their necessary documents right

before them. They can also upload video file and submit text on a particular topic if they want to. They can also download video from there. In career suggestion segment, one can easily be aware of doings that are necessary.

## References

# Overall Description

## Product Perspective

Learning Park will be developed for the people who are interested in learning topics. Here Things will be given in an organized manner so that everyone can find their interests without problems. It will show videos. Here video/audio/text/word/presentation files can be uploaded. Here in forum, one can easily raise a topic and talk about that until the thirst for knowledge isn't satisfied. It will be developed as a web application so everyone can use it without thinking about platform dependency.

## Product Functions

Files:

* New Topic: Creation of new topic in forum.
* Import Audio: Uploads audio file.
* Import Video: Uploads video file.
* Import Spreadsheet: Uploads spreadsheet file.
* Import PowerPoint: Uploads PowerPoint file.
* Import Word: Uploads word files.
* Import text: Uploads Text files.
* Login: People can login to have additional facilities like forum.
* Forum: People can shout for new topics
* Export: Saves powerpoint/audio/video/text/word file

Help:

* This segment will display logo, license that are being used, product suggestions and other info.

Main Pages:

* Homepage

Overview:

## User Classes and Characteristics

Typical Users, such as students who are new to university and interested people who want to learn things they are interested in.

## Operating Environment

Apache Tomcat.

## Design and Implementation Constraints

Learning Park is developed in Java. It uses hyperlink to show videos out of this site. It uses another player to play own videos. This project will be built on Intellij IDEA Platform. It will use Spring Framework.

## User Documentation

# External Interface Requirements

## User Interfaces

## Assumptions and Dependencies

## Hardware Interfaces

## Software Interfaces

## Communications Interfaces

# System Features

## System Feature 1

## System Feature 2 (and so on)

# Other Nonfunctional Requirements

## Performance Requirements

## Safety Requirements

## Security Requirements

## Software Quality Attributes

## Business Rules

# Other Requirements

Appendix A: Glossary

Appendix B: Analysis Models

Appendix C: To Be Determined List