

# Project Brief: Learning Management System (LMS)

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## Organizational Background:

### Target Benefactors

*Employees, Administration.*

### Strategic Objectives

*Employees are required to continually educate themselves in the area of customer service, safety, as well as policies and procedures. Each employee must complete 6 courses of continuing education each calendar year. Needed is an online system where employees can sign in and view course lessons in which they will watch a linked video and/or read an uploaded PDF. After completing all of the lessons for a course the system should email their manager informing them of their completion.*

### *HR Administration Capabilities:*

- *CRUD functionality for courses*
- *CRUD functionality for lessons*
- *Upload PDFs as lesson resources*
- *View and manage unpublished courses*

### *Manager Capabilities:*

- *View employee progress toward completing 6 courses for the year*
- *View courses and lessons completed*
- *Be notified via email when an employee completes a course*

### *Employee Capabilities:*

- *View lessons*
- *View personal progress toward 6 courses for the year*



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## Branding:

- *This is an internal application so the website is open to any branding and template options available*

## Technology Environment:

### Current Tech Environment

- *Website – FSDP.YourDomain.com*
- *Back End Systems – need a full database build for provided database schema*
- *Integrations - None*

## Programming Objectives/Challenges

*Many employees are remote and may be traveling so operation of the site via mobile device is imperative.*

*Employees should be able to see all courses and which ones they have completed and which they have not*

*DateViewed and DateCompleted should be populated automatically*

*HR should be able to copy and paste a YouTube video URL into the database and have it play via a custom player on the website (Blog Resource: <http://bit.ly/2GQQ4Ef>)*

## Desired Enhancements

### *Organization Objective*

- *Enable employee self-service of continuing education requirements*
- *Create a Expedia Continuing Education database*
- *Create complete course management functionality*
- *Provide easy to read reports of employee continuing education progress*

### *Target Audience & Users*

- *Employees*
- *Managers*
- *HR Administrators*

### *Technical Architecture*

- *ASP.Net MVC*
- *Login Capabilities*
- *CRUD Functionality for Expedia Continuing Education database*

