

# *Project Charter Template*

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# Vision

ShowbizU works to inform, empower and connect storytellers with content about show business and storytelling that will help artists transform their abilities and expand their horizons. It is an open source arts hub that provides access and opportunities to storytellers who want to learn, grow, and expand their network. A main part of ShowbizU is the Learning Paths, which is a curated learning tool that will help users find resources that will provide information about a topic they are seeking after. Through this, users can advance their education for their needs.

# Stakeholders

NAME	ROLE	DEPARTMENT
Tim Kashani	Founder	ShowbizU
Sarah Thacker		ShowbizU
Customers		

# Background

The team working on the project for ShowbizU is comprised of students from UCI taking the Informatics 191 series. They started in Spring Quarter of 2014, and will continue the project until Winter Quarter of 2015. The project is for ShowbizU's Learning Paths. It is to focus on the main website's curated learning tool that will allow the users to pursue learning about the specific areas of interest that they have in regards to theatre/the arts. This portal is provided to give the users the opportunity to be educated in these particular areas of theatre/the arts.

# Business Problem

There are many resources available that provide information regarding theatre/show businesses on The Web. However, there is no tool that is a curated learning tool in the marketplace yet. It is a tool that collects curated content, or content that is relevant to a particular topic of area of interest. This project is to provide a solution for that. ShowbizU's goal is to be that go to website that people will seek for more information regarding theatre/the arts. It will allow the users to create customizable learning paths and to also select set learning paths in order to advance the education they seek on the subject they desire.

# Business Opportunity

This project is to provide the Learning Paths for ShowbizU. We want to be able to give the users a MOOC experience besides having community. The project will be able to give ShowbizU a way to be that search engine and open source arts hub for those who seek more knowledge about theatre/show business. The Learning Paths section is one of the main components that will attract users. It will allow them to give a solution to those in need of finding resources and information about theatre/show business.

## Customer Need

They need a website that contains the learning paths; the learning paths should be customizable, and there should also be set paths available. The site should be easy to maintain. The the website should be intuitive to use and easy to navigate through.

## Project Definition

The Learning Paths project will provide an online environment for individuals interested in learning about show business to develop their skills at the convenience of their own desktop. This will solve the customer need by allowing users to learn without having to go to a formal school for the area of show business they are interested in.

## Goals

The project will allow users to create customized learning paths based on their areas of interest. The project will include well-developed logic and algorithms to recommend certain paths and links to users based on their areas of interest. The project will have pre-existing learning paths for users to choose from. The project will allow users to track their progress within a learning path. The project will allow users to search for content based on keywords. The MVP of the project will be completed by the end of the Fall Quarter.

## Major Features

1. The ability to create a new learning path.
2. The ability to add content to learning path.
3. The ability to select pre-existing learning path.
4. The ability to track progress through the learning path.
5. The ability to switch between different learning paths.
6. Different account types.

7. Sophisticated search engine with filters and recommendations.

# Scope

The scope of the project includes the features we believe we will be able to deliver in time. These features are:

1. The ability to create a new learning path.
2. The ability to add content to learning path.
3. The ability to select pre-existing learning path.
4. The ability to switch between different learning paths.
5. Search engine.

The features that we believe we will not be able to deliver in time and are out of scope include:

1. The ability to track progress through the learning path.
2. Different account types.
3. Fully-functional, sophisticated search engine with filters and recommendations.

The ability to track progress through the learning path is out of the scope of the project because we have yet to determine exactly how the “path” is structured. As of right now, each learning path is simply a group of relevant content, and not a linear process to gaining knowledge for a specific subject.

Different account types is out of the scope of the project because we are focusing on the common user. The service is free, so there is no need for different account types and different permissions. All users have access to the same information. If this changes, we will adjust the scope accordingly, based on feasibility.

A fully-functional search engine is out of the scope of the project because this is an ongoing task that requires constant manipulation and improvements. The ultimate goal is to make the “Google” of the arts, and we believe that we will not achieve that with the limited time given. Regardless, we believe we still can make the search engine and begin refining it.

# Major Deliverables

**Project Charter:** signifies beginning of the project, outlines the project’s needs, goals, resources, etc.

**Requirements Document:** details the requirements of the project

**Use Cases:** document various applicable use cases and related sub-cases

**Wireframe Mockups:** initial drafts of the appearance of the website

**Design Document:** comprehensive explanation of all the parts of the website design

**Test Plan:** outline of how the website will be tested

**MVP website:** first live rollout of the website

# Resources

**The project will be handled by a team of five individuals as part of Informatics senior design project at UC Irvine. The team consists of Damon Wong, Adam Yee, Antonio Montalvo, Ryan Enshaie, and Byung Kim. The team does not have predefined roles, as they typically try to split up work evenly. The team has two quarters (Fall Quarter and Winter Quarter) to complete the project.**

# Constraints

- Must present final deliverable in class for the fall quarter between December 12th and December 19th.
- Must present final deliverable in class for the winter quarter between March 13th and March 20th. It would also be the end of the course and the working relationship with Showbiz U, so we would be handing over all deliverables.
- PHP, Javascript, HTML, CSS, Ajax, and Java would be used to program the learning paths because that is what the previous person working on it used.
- Receiving new code as a starting point from the previous owner and having to adjust to their coding style.
- Cross browser compatibility can be an issue for the front-end.
- Will be hosted on Azure.

# Assumptions

- We are using PHP, Javascript, HTML, CSS, Ajax and Java to program.
- The learning paths will be hosted on Azure.
- User accounts would be added later and not only rely on Facebook for login.
- Learning path crawler will pull data from other sources than the current one.
- Thousands of users would be able to use the learning paths in the future.
- The current learning paths application meets the most of the needs of stakeholders and won't need too many changes to it.
- The learning paths will be added to the Showbiz U website at some point.
- The learning paths logins will need to be made secure.
- In the future new features may be added so it would be good to make the code flexible.
- It will display correctly in most modern browsers.
- It will display correctly in mobile devices.
- Usable by people of all ages and abilities.

# Dependencies

- The project is currently split into 3 interconnected parts; front-end, logic and back-end.
  - The back-end holds the data that would be displayed on the front-end by the logic.
  - The logic takes the data from the back-end to display on the front-end.
  - The front-end will display anything the logic gets from the back-end. Front-end is the least dependent of the three.
- The learning paths will be added to the Showbiz U website at some point.
- Facebook api used for logging into the learning paths application.
- Any other possible social media used for logging into the learning paths application
- Cross browser compatibility can be an issue for front-end depending on the requirements.
- Hosted on Azure.

# Risks

RISK DESCRIPTION	RISK MITIGATION
Not being able to set up the previous owners project and not being able to run it	Attempt to set it up before the previous owner of the project leaves and ask for help if we run into problems
May not deliver a quality product in time because of lack of experience with PHP, Ajax and Java and lack of time to learn it.	Work on a small part at a time and spend time learning the new languages needed for the project
Security may be an issue if user login for their profile are going to be created.	Research security measures or point the stakeholders in a direction where they may find something more secure than what we can offer.

# Major Milestones

[What are the major milestones for this project? When do you expect to meet the milestones? The following table identifies typical major milestones for projects.]

MILESTONE	DATE
Project Charter	10/17/2014

<b>Project Plan</b>	10/17/2014
<b>Requirements Document/ Use Cases</b>	10/24/2014
<b>1st Wireframe Mockups</b>	10/28/2014
<b>Design Document</b>	10/31/2014
<b>Preliminary Design</b>	11/7/2014
<b>Development</b>	11/21/2014
<b>Test Plan</b>	11/21/2014
<b>MVP</b>	11/28/2014
<b>Testing</b>	12/5/2014