**Project Charter Plan**

**Arkansas Movie Database**

**UNIVERSITY OF ARKANSAS AT LITTLE ROCK**

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**LITTLE ROCK, AR, 72207**

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# Executive Summary

With little to no public resources that showcase actors/actresses and movies that are related to the state of Arkansas. The Arkansas Film Commission is looking to fill the spot with the help from University of Arkansas IT department, to create a web-based database of movie and actors/actresses that have relation to the state of Arkansas. The goal of this project is to help Arkansas attract film makers and visitors. Thus, raise additional revenue and help spread awareness of the beautiful natural state of Arkansas.

# Project Purpose/Justification

## Business Need/Case

The database will consist of information about movie and actors/actresses that have connection to the state of Arkansas. This will serve as a portfolio of Arkansas relation in the film industry that we can present to directors and movie connoisseurs.

## Business Objectives

The business objectives for this project are in direct support of the Arkansas Film Commission to help attract promising investors, travelers, and directors.

* Design and plan for the movie database within the next 90 days
* Design and test the database within the next 180 days
* Complete implementation of the new database within the next 275 days.

# Project Description

The Arkansas Movie Database will provide user with a clean, sleek, and simple design of a web-based database that consist of information about movies and actors/actresses that has tie to the state of Arkansas. User will be able to search or browse through a user-friendly index to find the information that they needed. These data will be pulled from The Movie Database, thus, ensuring that accurate information is presented.

## Project Objectives and Success Criteria

The objectives which mutually support the milestones and deliverables for this project have been identified. In order to achieve success on the Arkansas Movie Database project, the following objectives must be met within the designated time:

* Research and document actors/ actresses and movies related to the state of Arkansas – 30 days
* Develop a design for the website that satisfy client needs – 20 days
* Develop the web page using HTML, CSS, and JavaScript – 90 days
* Test webpage – 60 days
* Present the final product to client – 275 days

## Requirements

This project must meet the following list of requirements in order to achieve success.

* Web page design must satisfy client needs.
* Successfully implement The Movie Database API.

Additional requirements may be added as necessary, with project sponsor approval, as the project moves forward.

## Constraints

The following constraints pertain to the Arkansas Movie Database project:

* Final product must be presented to client by May 2021.

## Assumptions

The following are a list of assumptions. Upon agreement and signature of this document, all parties acknowledge that these assumptions are true and correct:

* This project has the full support of the project sponsor, stakeholders, and all departments
* The purpose of this project will be communicated throughout the company prior to deployment
* The IT department will provide additional resources if necessary

## Preliminary Scope Statement

The Arkansas Movie Database project will include the design, testing, and delivery of an web based database of movies and actors/actresses with ties to the state of Arkansas. All personnel, hardware, and software resources will be managed by the University of Arkansas at Little Rock – EIT Department. All project work will be independent of daily and ongoing operations and all required testing will be done independently. This project is projected to conclude by May 2021.

# Risks

The following risks for the Arkansas Movie Database project have been identified. The project member will determine and employ the necessary risk mitigation/avoidance strategies as appropriate to minimize the likelihood of these risks:

* Potential disruption due to server maintenance/power outage.
* Underestimation of time/resource.
* Cross-platform compatibility.

# Project Deliverables

The following deliverables must be met upon the successful completion of the Arkansas Movie Database project. Any changes to these deliverables must be approved by the project sponsor.

* Fully deployed web database application.
* Technical documentation for web database application.
* Recommendation list for future update.

# Summary Milestone Schedule

The project Summary Milestone Schedule is presented below. As requirements are more clearly defined this schedule may be modified. Any changes will be communicated through project status meetings by the project manager.

|  |  |
| --- | --- |
| **Summary Milestone Schedule – List key project milestones relative to project start.** | |
| **Project Milestone** | **Target Date (mm/dd/yyyy)** |
| 1. Project Start | 09/09/2020 |
| * Project Charter | 10/07/2020 |
| 1. Complete Research Requirements | 10/30/2020 |
| 1. Complete rough design for website | 11/30/2020 |
| 1. Complete design of website | 02/30/2021 |
| 1. Complete design of database | 03/30/2021 |
| 1. Testing | 04/15/2021 |
| 1. Present final product | 05/07/2021 |
| 1. Project Complete | 05/15/2021 |

# Summary Budget

The following table contains a summary budget based on the planned cost components and estimated costs required for successful completion of the project.

|  |  |
| --- | --- |
| **Summary Budget – List component project costs** | |
| **Project Component** | **Component Cost** |
| 1. Personnel Resources | $0 |
| * Hardware | $0 |
| 1. Software and Licensing | $0 |
| 1. IT Lab Preparation | $0 |
| **Total** | **$0** |

# Project Approval Requirements

Success for the Arkansas Movie Database project will be achieved when a fully tested website, and all technical documentation, is fully deployed within the time and constraints indicated in this charter. Success will be determined by the Project Sponsor, Mr. Thomas Wallace, who will also authorize completion of the project.

# Project Manager

Duc Phu Pham is named Project Manager for the duration of the Arkansas Movie Database Project. Mr. Pham’s responsibility is to manage all project tasks, scheduling, and communication regarding the Arkansas Movie Database project. Any additional assistance must be requested through Dr. Elizabeth Pierce and Mr. Bruce Bauer.

# Authorization

This section provides the names and authorization, once signed, for the project to move forward in accordance with the information contained in this charter.

Approved by the Project Sponsor:

Date:

<Project Sponsor>

<Project Sponsor Title>