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| **Project Title:** Streaming TV Service | **Project Manager:** Eric Chadwick |
| **Start Date:** 9-17-19 | **Project Sponsor:** UMKC |
| **End Date** 12-2-19 | **Customer/Client:** Kendall Bingham |
| **Users:** Admins, Logged in User, Anonymous User | |
| **Purpose (Problem or opportunity addressed by this project):**  The purpose of this application is to allow users to easily compare live TV streaming options. It is a difficult problem with so many options online for streaming services with a wide variety of shows and prices. Users will be able to easily see pricing and show options across all major live TV streaming services. Users will be able to create their own curated list of shows that they want to watch and see which services best fit their needs. | |
| **Stakeholders:**  Kendall Bingham, UMKC, Eric Chadwick, Users of the service, Admins who will update the service. | |
| **Goals:**   * Allow users to easily make a list of current favorite shows. * Give users a list of all major and current live TV streaming options, including price, bundle info, and popular shows. * Make it easy for users to create an account. * Make it easy for users to get started and add shows, by popular recommendations and search. * Make search and selection of shows easy and intuitive. | **Objectives:**   * Allow admins to edit, add, and delete streaming services. * Allow admins to add details such as price, bundles, and required channel subscriptions if applicable. * Allow users to create an account with an email address and password to log in. * Allow logged in users to have persistent and saved account settings and data. * Allow anonymous users to compare services and prices without allowing them to save any data. * Allow all users to report any problems with a feedback tool. |
| **Schedule information: (Major Milestones and Deliverables)**  9-17-19 – Iteration 1 Begins  9-20-19 – Project Charter Complete  9-23-19 – Requirements Document Baselined  9-30-19 – Iteration 2 Begins  9-30-19 – Project Plan Complete  10-7-19 – Technical Prototype Complete  10-14-19 – Iteration 3 Begins  10-28-19 – Iteration 4 Begins  10-28-19 – Project Status Report  11-1-19 – Architect Document Complete  11-11-19 – Iteration 5 Begins  11-22-19 – Test Plan Complete  12-1-19 User and System Guide Complete  12-1-19 Project Results Complete  12-2-19 Final Presentation and Product Released | |
| **Financial information:**  2 Frontend Engineers, 4 hours each per week for 12 weeks. $40 per hour: **$3840.**  2 Backend Engineers, 4 hours each per week for 12 weeks. $40 per hour: **$3840.**  1 Project Manager, 4 hours per week for 12 weeks. $40 per hour: **$1920.**  **Total: $9600** | |
| **Constraints:**   * This project will be limited to what information 5 people can gather on all major streaming services. * One user connecting to the service at a time. | **Assumptions:**   * Users and admins will be accessing the application through a web browser. * Once a user is logged in, every settings and action is saved to the database. * Admins can log in and will have access to tools that are not available to users. * If a user is anonymous and leaves the application, all data is deleted. |
| **Project scope:**   * The project will consist of user interface that allows for searching and saving of data regarding live tv streaming services. * The project will include a backend database that allows for the creation and storage of user accounts, streaming service information, and show information. * The project will allow users to create accounts and log in * The project will allow admins to log in and change options and details. | |
| **Priorities:**   * A usable frontend interface. * A library of show and streaming service data in a database. * A mechanism for creating accounts and logging in. * A way to search and select tv shows and save to an account. | |
| **Risks and obstacles to success:**   * The limitations of the team’s experience with various technologies, including web frameworks, and databases. * The time constraints of each team member’s availability during the week. | |
| **Success criteria:**  This project will be considered a success if:   * There is a working database of show, streaming service, and user information * There a usable interface for admins and users to add and edit information. * The entire team feels good about the balance of effort and workload across the team. | |