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Team Buttery Popcorn

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Buttery Popcorn System Requirements Document

Final

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# **Introduction (JH)**

*This requirements document is meant to further detail how the functions Buttery Popcorn operate. This document contains a description model of the requirements, a class diagram, a use case diagram, use case descriptions, and a system sequence chart.*

# **Description Model (JH)**

*Creating a Review: User will input text (no text limit would be set for now) and they have the option to select a star rating out of 5. Their review when submitted will be available to see by all other users on the author’s profile and the theater profile page.*

*Viewing a Review: Users can retrieve reviews written by other users. This can be utilized while viewing the user’s profile or by viewing the theater’s profile that is being reviewed.*

*Theater Map: Theaters and nearby attractions show on a map. Data for this will be outsourced using Google Maps API. Attractions within a 1-5 mile radius of the theater will be taken from Google Maps and output onto the theater map. Attractions will be updated once a month to stay current.*

*Theater Search: The app searches through all theater pages and retrieves the theater that the user searches for. Users will input text to find the theater they are looking for.*

*Theater Comparison: The app searches for two user-selected theater pages and displays them next to each other. Users will use the same model as a Theater Search and the comparison page will output the two theaters that the user selects together on one page.*

*Create Profile: Users create a username and password for their profile, and the app verifies that the user is who they say they are. The app will then take the user’s information required and create a “home page” for them to host their reviews.*

# **Class Diagram (CJ)**

*(Included in Github folder as BPClassDiagram.vdsx)*

# **Use Case Diagram (JH)**

*(Included in Github folder as ButteryPopcornUseCaseDiagram.vsdx)*

# **Use Case Scenarios (KMA)**

*(Included in Github folder as Use case descriptions BUTTERY POPCORN.xlsx)*

# **System Sequence Charts (CJ)**

*(Included in Github Folder as BPSSD.vsdx)*