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# **1\*Introduction**

*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.*

# **2\*Description Model**

*Input:*

*Creating a Review: Users create a review for a theater and then submits said review to be stored on the app.*

*Output:*

*Viewing a Review: Users can retrieve reviews written by other users.*

*Processes:*

*Theater Map: Theaters and nearby attractions show on a map.*

*Performance:*

*Theater Search: The app searches through all theater pages and retrieves the theater that the user searches for*

*Theater Comparison: The app searches for two user-selected theater pages and displays them next to each other*

*Security:*

*Create Profile: Users create a username and password for their profile, and the app verifies that the user is who they say they are.*

**3\*Class Diagram CJ**

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

# **4\*Use Case Diagram**

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

# **5\*Use Case Scenarios**

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

# **6\*System Sequence Charts CJ**

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