

Description: This is a System based off the popular game streaming service Twitch. This system includes services such as where you can make an account, buy the apps currency known as “Bits” to support streamers, subscribe to streamers, receive rewards for watching other’s streams, and receive a summary after one has finished streaming.

Endpoints:

1. New Account (NAccount)
 - a. Data Required:
 - i. First Name- String
 - ii. Last Name- String
 - iii. Email – String
 - iv. Phone Number – String
 - v. Twitch Username – String
 - vi. Twitch Bio – String
 - vii. Displayed Name on App - String
 - b. Data Returned:
 - i. Accounts sorted by Username
 - ii. Accounts sorted by E-mail
 - iii. All Accounts
2. Ordering Bits (BitOrder)
 - a. Data Required:
 - i. User who Bought Bits- String
 - ii. Streamer Receiving Bits- String
 - iii. Number of Bits – Int
 - iv. Amount of Money Paid for Bits- Double
 - b. Data Returned:
 - i. Bit Orders sorted by the User who bought the Bits
 - ii. Bit Orders sorted by the Streamer who received the Bits
 - iii. All Bit Orders
3. Report of Rewards (RewardReport)
 - a. Data Required:
 - i. User receiving reward- String
 - ii. The Name of Reward- String
 - iii. Brief Description of Reward - String
 - iv. Date Received Reward -Date
 - b. Data Returned:
 - i. All Reward Reports
 - ii. Reward Reports sorted by the User who received the reward
 - iii. Reward Reports sorted by the Name of the Reward Received

4. Subscribing (Subscriber)
 - a. Data Required:
 - i. Name of User Subscribing to streamer- String
 - ii. Amount Paid for Subscription- Int
 - iii. Message for Streamer- String
 - iv. Duration of Subscription- String
 - b. Data Returned:
 - i. All Subs
 - ii. Subscribers sorted by Users who subscribed to a streamer
 - iii. Subscribers sorted by how much each user has paid
5. Getting a Summary of recent Stream (StreamSummary)
 - a. Data Required:
 - b. Data Returned:
 - i. All Stream Summaries
 - ii. Stream Summaries sorted by each streamer/user
 - iii. Stream Summaries sorted by the number of views the stream had

WSDLs:

1. <http://localhost:8080/twitchwebservice/AccountService>
2. <http://localhost:8080/twitchwebservice/BitServ>
3. <http://localhost:8080/twitchwebservice/RewardService>
4. <http://localhost:8080/twitchwebservice/StrSumService>
5. <http://localhost:8080/twitchwebservice/SubService>