<Util> ArrayList HashMap CmdLineParser

- prev_mon_spending: int - current_mon_spending: int + watch(int: percentage, StreamingService, Event): void + subscribe(StreamingService, int percent, Event): void + pay(StreamingService, int: percentage): void + pay(PPV, int: percentage): void + restart(): void StreamingService - shortName: String - longName: String StreamingWarSystem - currentOffering: ArrayList<Event> - subscriptionPrice: int - demo: ArrayList<DemographicGroup> - Itd_rev: int - stream: ArrayList<StreamingService> - prev_mon_rev: int - event: ArrayList<Event> - current_mon_rev: int - studio: ArrayList<Studio> - Itd_license_fee: int - month: int - year: int + offerEvent (Event): void + collectFee(int: percentage, Event, DemographicGroup): void + create_demo(String: shortName, String: longName, + payLicenseFee(Event): void Integer: number_of_accounts): void + restart(): void + create_studio(String: shortName, String: longName): void + create_event(String: type, String: name, String: yearProduced, int: duration, String: studio_name, int: license_fee): void + create_stream(String: short_name, String: long_name, int: subscription_fee): void + offer_movie(String: stream_name, String: movie_name, String: year_produced): void + offer_ppv(String: stream_name, String: ppv_name, String: year_produced, int: price): void + watch_event(String: demo_group, int: percentage, String: stream_service, String: ueraProduced): void + next_month(): void + display_demo(String: shortName): void + display_stream(String: shortName): void + display_studio(String: shortName): void + display_events(): void + display_offers(): void Studio + display_time(): void - shortName: String + validateDemo(String shortName): int - longName: String + validateStudio(String: shortName): int - currentListing: ArrayList<Event> + validateEvent(String: shortName, String: yearProduced): int - Itd fee collected: int + validateStream(String: shortName): int - prev_mon_fee_collected: int - current_mon_fee_collected: int 1 1 + produce(Movie): void + produce(PPV): void + collectLicenseFee(Event): void + restart(): void **Event** {Abstract} - name: String - duration: int - type: String - yearProduced: String - producedBy: Studio - licensingFee: int Movie **PPV** - price: int

DemographicGroup

- currentSubscription: HashMap<StreamingService, Integer>

- shortName: String

- longName: String

- ltd_spending: int

- number of accounts: int