User CLI Network Dataset Selects "Search for a Connection" Prompts for departure and arrival cities Enters departure and arrival Asks for filters (train type, price, time, etc.) Chooses filters and sorting options Calls search\_connections() with all parameters Retrieves matching connections Returns filtered and sorted results Sends connection list [Direct connections found] alt Displays matching connections [No direct connections] Calls find\_indirect\_connections() Searches for multi-leg routes Returns indirect routes Sends indirect route list Displays indirect routes with durations and waits Returns to main menu CLI User Network Dataset

Option 2: Search for a Connection