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Use Case Name:	Instagram Analytics Web Scraper
Description:	The software allows the user to see the updated analytics of their instagram page.
Actor:	User
Entry condition:	The actor inputs their username.
Basic path:	<ol style="list-style-type: none"> 1. User first must retrieve relevant information [A01] <ol style="list-style-type: none"> a. Opens Instagram [A02] b. Settings [A03] <ol style="list-style-type: none"> i. Your activity [A04] ii. Download your information - click download [A05] iii. Select account to download from [A06] c. Select 'Some' of your information [A07] d. 'Followers and following' [A08] e. Save [A09] f. Download to device [A10] <ol style="list-style-type: none"> i. Set to send data to desired email [A11] ii. Date range set to 'all time' [A12] g. Create files [A13] h. Download folder from email [A14] 2. Open folder in VS Code [A15] <ol style="list-style-type: none"> a. For this folder put 3 correct specified files [A16] <ol style="list-style-type: none"> i. They must match the names, or it will not compile: [BR01] <ol style="list-style-type: none"> 1. followers_1.html [E01] 2. following.html [E01] 3. pending_follow_requests.html [E01] 3. Run code [A17][PRO1] 4. Enter username to view menu [A18][PRO1] <ol style="list-style-type: none"> a. A = Users not following you back [A19][PRO1] b. B = Users you don't follow back [A20][PRO1] c. C = Pending requests [A21][PRO1] 5. Users are then shown the usernames of the relevant option selected [PRO1] 6. Manually terminate running of code [A22]
Alternative paths:	<ol style="list-style-type: none"> 1. If user would like to see users not following back enters A [A19] 2. If user would like to see users you don't follow back enters B [A20] 3. If user would like to see pending requests enters C [A21]

Exception path:	<ol style="list-style-type: none"> 1. Invalid file names [E01] <ol style="list-style-type: none"> a. System displays an error message. b. User is prompted to find the appropriate files and run again. 2. User enters invalid character (A-C) [E02] <ol style="list-style-type: none"> a. System displays error message b. Prompts the user to fix error and re-enter valid characters.
Business Rules:	[BR01] The 3 files MUST match the specified file names. [BR02] Follows instagram guidelines.
Data description:	Username - String - Length: max 30
Prototype:	[PRO1] (in terminal) Please make sure to attach the following files to your folder before running: followers_1.html following.html pending_follow_requests.html Please enter your username: user_name What would you like to see? A = Users not following you back B = Users you don't follow back C = Pending requests A User_name these users aren't following you back Fake_user1 Funny_user12 Example.user.name B User_name you don't follow these users back user2 i_am_user22 Ex_user_name5 C You have no pending requests