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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test company response data structures | | | 1 | TEST001 | 1 | | | | 19/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test the data structures of the response json file | | | | Shibel Alshech | Shibel Alshech | | | | 20/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that the data used in the response json file is implemented as expected, for example: when expected to put the jobs in a list, it's an error if they are implemented in a dictionary. | Api key, host, and content type:  {  "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee",  "x-rapidapi-host": "linkedin-api8.p.rapidapi.com",  "Content-Type": "application/json"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | {  "companyIds": [5383240, 2382910],  "page": 1  } | - | | |  | Pass |  | |
| 2 | Send a POST request including the data to the URL | https://linkedin-api8.p.rapidapi.com/company-jobs | - | | |  | Pass |  | |
| 3 | * Check the response code. * Check data structure of each element in the json file. | - | * Status code is 200. * Each element is implemented in the expected data structure. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test website page is not empty | | | 1 | TEST002 | 2 | | | | 19/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to ensure that the company jobs page contains at least one job. | | | | Shibel Alshech | Shibel Alshech | | | | 20/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that the company jobs page is not empty and contains at least one job. | Api key, host, and content type:  {  "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee",  "x-rapidapi-host": "linkedin-api8.p.rapidapi.com",  "Content-Type": "application/json"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | {  "companyIds": [5383240, 2382910],  "page": 1  } | - | | |  | Pass |  | |
| 2 | Send a POST request including the data to the URL | https://linkedin-api8.p.rapidapi.com/company-jobs | - | | |  | Pass |  | |
| 3 | * Assert the response status code is 200. * Assert that the length of the jobs array is greater than 0. | - | * Status code is 200. * Job list is not empty. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test each job has all required fields | | | 1 | TEST003 | 3 | | | | 19/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to ensure that each job in the API response includes all required fields. | | | | Shibel Alshech | Shibel Alshech | | | | 20/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that each job in the response includes all the required fields.  Fields like: job id, title, job URL, type, etc. | Api key, host, and content type:  {  "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee",  "x-rapidapi-host": "linkedin-api8.p.rapidapi.com",  "Content-Type": "application/json"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | {  "companyIds": [5383240, 2382910],  "page": 1  } | - | | |  | Pass |  | |
| 2 | Send a POST request including the data to the URL | https://linkedin-api8.p.rapidapi.com/company-jobs | - | | |  |  |  | |
| 3 | * Assert the response status code is 200. * Assert that each job includes all required fields. | - | * Status code is 200. * Each job has all required fields. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test job URL corresponds to the correct job ID. | | | 1 | TEST004 | 4 | | | | 19/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that job URLs correspond to the correct job IDs. | | | | Shibel Alshech | Shibel Alshech | | | | 20/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that each job URL corresponds to the correct job ID.  For example, the URL 'https://www.linkedin.com/jobs/view/3877286890'  Goes to the id: 3877286890. | Api key, host, and content type:  {  "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee",  "x-rapidapi-host": "linkedin-api8.p.rapidapi.com",  "Content-Type": "application/json"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | {  "companyIds": [5383240, 2382910],  "page": 1  } | - | | |  | Pass |  | |
| 2 | Send a POST request including the data to the URL | https://linkedin-api8.p.rapidapi.com/company-jobs | - | | |  |  |  | |
| 3 | * Assert that response status code is 200. * Assert that the API response does not contain any wrong URL. | - | * Status code is 200. * No URL leads to an incorrect job ID. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test user did not provide email | | | 4 | TEST005 | 5 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that the user did not provide an email. In this test case, the user's username is  " tzahi-anidgar-b8947b255". | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that the user did not provide an email. | Api key and host:  { "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee", "x-rapidapi-host": "linkedin-api8.p.rapidapi.com"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data and configuration. | Querystring is:  {"url":"https://www.linkedin.com/in/tzahi-anidgar-b8947b255/"} | - | | |  | Pass |  | |
| 2 | Send a GET request including the data to the URL | https://linkedin-api8.p.rapidapi.com/linkedin-to-email | - | | |  |  |  | |
| 3 | * Check the response code. * Assert that 'emails' field contains null. | - | * Status code is 200. * The 'emails' field matches the expected value from the config. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test if locations are in Berlin | | | 2 | TEST006 | 6 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that all location names in the response contain the substring 'Berlin'. | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that all location names in the response contain the substring 'Berlin'. That means that all the locations is in Berlin. | Api key and host:  { "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee", "x-rapidapi-host": "linkedin-api8.p.rapidapi.com"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | Querystring is:  {"keyword":"berlin"} | - | | |  | Pass |  | |
| 2 | Send a GET request including the data to the URL | https://linkedin-api8.p.rapidapi.com/search-locations | - | | |  |  |  | |
| 3 | * Check the response code. * Assert that all location names contain 'Berlin' | - | * Status code is 200. * All location names contain 'Berlin'. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test unique job IDs | | | 1 | TEST007 | 7 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that all job IDs in the job search response are unique. | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that all job IDs in the job search response are unique. | Api key and host:  { "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee", "x-rapidapi-host": "linkedin-api8.p.rapidapi.com"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | - | - | | |  | Pass |  | |
| 2 | Send a GET request to the URL | https://linkedin-api8.p.rapidapi.com/search-jobs | - | | |  |  |  | |
| 3 | * Check the response code. * Assert that all job IDs are unique. | - | * Status code is 200. * The number of job IDs matches the number of unique job IDs. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test jobs appearing by time order | | | 2 | TEST008 | 8 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that job postings are ordered from newest to oldest based on their post date. | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that job postings are ordered from newest to oldest based on their post date. | Api key, host, and content type:  {  "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee",  "x-rapidapi-host": "linkedin-api8.p.rapidapi.com",  "Content-Type": "application/json"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data. | { "keyword" : "golang", "sortBy": "date\_posted", "datePosted": "past-24h", "start": "0"  } | - | | |  | Pass |  | |
| 2 | Send a POST request including the data to the URL | https://linkedin-api8.p.rapidapi.com/search-posts | - | | |  |  |  | |
| 3 | * Check the response code. * Check data structure of each element in the json file. | - | * Status code is 200. * Job postings are ordered from newest to oldest based on their post date. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Test if user data is correct | | | 1 | TEST009 | 9 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test to verify that the user data in the response is correct. | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that the user data in the response matches the expected data from the configuration. | Api key and host:  { "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee", "x-rapidapi-host": "linkedin-api8.p.rapidapi.com"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data and configuration. | Querystring is:  {"url":"https://www.linkedin.com/in/shibel-alshech-7501b4308/"} | - | | |  | Pass |  | |
| 2 | Send a GET request including the data to the URL | https://linkedin-api8.p.rapidapi.com/get-profile-data-by-url | - | | |  |  |  | |
| 3 | * Check the response code. * Assert that the user data is correct. | - | * Status code is 200. * User data matches the expected data from the configuration. | | |  | Pass |  | |

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| **TEST TITLE** | | | **PRIORITY** | **TEST CASE ID** | **TEST NUMBER** | | | | **TEST DATE** |
| Arrange the required data and configuration. | | | 2 | TEST0010 | 10 | | | | 22/07/2024 |
| **TEST DESCRIPTION** | | | | **TEST DESIGNED BY** | **TEST EXECUTED BY** | | | | **EXECUTION DATE** |
| Test the data structures of the response json file | | | | Shibel Alshech | Shibel Alshech | | | | 22/07/2024 |
|  | | | | | | | | | |
| |  |  | | --- | --- | | **TEST purpose** | **Pre-Conditions** | | To verify that the data used in the response json file is implemented as expected, for example: when expected to put the jobs in a list, it's an error if they are implemented in a dictionary. | Api key and host:  { "x-rapidapi-key": "989ecf11b6mshe6f163870c5be08p12c207jsn3e7938597eee", "x-rapidapi-host": "linkedin-api8.p.rapidapi.com"  } | | | | | | | | | | |  |  |  |
| **STEP ID** | **STEP DESCRIPTION** | **Data** | **EXPECTED RESULTS** | | |  | **PASS / FAIL** | **ADDITIONAL NOTES** | |
| 1 | Arrange the required data and configuration. | {"username": "shibel-alshech-7501b4308", "fieldOfStudy": "Computer Science",  "degree": "Bachelor's"} | - | | |  | Pass |  | |
| 2 | Send a GET request including the data to the URL | https://linkedin-api8.p.rapidapi.com/data-connection-count | - | | |  |  |  | |
| 3 | * Check the response code. * Assert fields in the JSON response match the expected data. | - | * Status code is 200. * Specific fields in the JSON response match the expected values from the configuration. | | |  | Pass |  | |