**Automation test design for Electronic Travel Authority (ETA)**

Website URL: <http://www.visabureau.com/australia/tourist-visa.aspx#eligiblecountries>

Visa service main process: Complete online assessment (EA) > enter applicants info (personal and passport details for each travelers) > EA result > Payment > Service delivery

## **Automation scope**

Make sure the “Free online assessment” flow works correctly with all kinds of input: **Register/login > enter applicant info > verify pass/fail condition**

## **Automation strategy**

* Apply “Data driven” model to handle cases of fail (invalid inputs)
* Apply “Random” strategy for cases of success (valid inputs)

## **Automation test design**

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| **Function** | **Data/flow design** | **Keyword design** | **Argument** |
| Register  <https://assessments.visabureau.com/australia/assessment/eta/default.aspx> | Cases of fail:   * Missing at least one required field * Invalid one of required field (duplicated, incorrect format, special character, etc.) * Invalid optional fields (mobile number)   Case of success:   * fulfill required fields with valid data * fulfill required and optional fields with valid data | Main keyword: Register New ETA Account  Sub keywords:   * Generate Random Email * Verify Error Message In Case of Register Fail | TC#, description, expected, <required fields>, <additional with default value> |
| Login  <https://assessments.visabureau.com/login.aspx?redirectURL=%2faustralia%2fassessment%2feta%2fdefault.aspx> | Provide valid credentials > Click “Login” button > Verify login result | Login To Visa Bureau | Email, password |
| Login and Take ETA Visa EA  <https://assessments.visabureau.com/australia/assessment/eta/default.aspx> |  | Main keyword: Login and Take ETA Visa EA  Sub keywords:   * Fill Applicant Personal Details * Fill Applicant Passport Details * Fill Applicant Contact Details * Verify ETA Visa EA Result | TC#, description, expected, <required fields>, <additional with default value> |