FEAT – Autocomplete Test Cases (Location)

1. Trigger & Display Behaviour

Basic triggering

Autocomplete **does not appear** when:

- 0 characters entered
- 1 alphabetic character entered
- 2 alphabetic characters entered

Autocomplete **appears** when:

- 3 alphabetic characters entered
- A valid outward postcode pattern is entered (e.g. M13, SW1A)

Autocomplete behaviour:

- Updates on every keystroke once trigger condition is met
- Closes when input is cleared
- Closes when user clicks outside the input field

Pass- Autocomplete only appears when 3 characters have been typed anything less shows no results.

2. Alphabetic Location Input

- Partial town/city names return correct matches
  - e.g. man → Manchester, Mansfield
- Matching is case-insensitive
  - man, MAN, Man behave identically
- Leding and trailing spaces are ignored
  - " man " behaves the same as man

Pass- city names linked in with 'man, Man MAN' come up

manaccan (Cornwall)
Manaccan (Cornwall)
Manaton (Devon)
Manby (Lincolnshire)
Mancetter (Warwickshire)
Manchester

Enter a town, city or postcode (optional)

Manaccan (Cornwall)
Manaccan (Cornwall)
Manaton (Devon)
Manby (Lincolnshire)
Mancetter (Warwickshire)
Manchester

MANaccan (Cornwall)
Manaccan (Cornwall)
Manaton (Devon)
Manby (Lincolnshire)
Mancetter (Warwickshire)
Manchester

3. Postcode Input

Accepted formats:

- Full postcode **with space**
  - M13 9PL - **PASS**
- Full postcode **without space**
  - M139PL - **PASS**
- Lowercase postcode input
  - sw1a 1aa- **PASS**

Partial postcode behaviour:

- Partial postcodes return relevant matches
  - SW1, SE9 **-PASS**

Invalid patterns:

- Invalid postcode formats **do not return suggestions**
  - e.g. EC1A-1BB, SW1A@1AA - **Partial pass** the 'EC1A-1BB' came back with a result. 'SW1A@1AA' came back with no results.

Enter a town, city or postcode (optional)

m13 9pl
M13 9PL

Enter a town, city or postcode (optional)

M139PL
M13 9PL

Enter a town, city or postcode (optional)

M13 9PL
M13 9PL

Enter a town, city or postcode (optional)

EC1A-1BB

EC1A 1BB

Enter a town, city or postcode (optional)

SW1A@1AA

No results found

○

4. No-Results Scenarios

When input meets trigger condition, but no matches exist:

- "No locations found" message is displayed

"No locations found" behaviour:

- Appears **only after** trigger condition (≥ 3 characters)
- Disappears automatically if user continues typing and matches appear

User can still:

- Edit the input
- Clear the input
- Continue typing without UI breaking or freezing

Pass- No issue here

5. Selection Behaviour

Mouse interaction:

- Clicking a suggestion:
  - Populates the input field
  - Closes the dropdown

Keyboard interaction:

- Selecting via ↓ + Enter:
  - Populates the input field
  - Closes the dropdown

After selection:

- Input remains editable
- User can delete or overwrite the selected value
- Selecting a suggestion **does not auto-submit** the form

Pass- Works well

6. Keyboard Interaction & Accessibility

- Arrow Down moves through suggestions
- Arrow Up moves back through suggestions
- Enter selects the highlighted suggestion
- Esc closes the dropdown

Tab behaviour:

- Moves focus out of the input
- Closes the dropdown

Accessibility:

- No keyboard trap exists
- Focus does not get lost when dropdown opens/closes

Pass – keyboard interaction works well

7. Validation Edge Cases (on Continue)

Partial or invalid input:

- User types partial postcode and clicks Continue:
  - Inline validation error shown

- o Error summary shown - **User cannot leave without entering full Postcode or it autofill's**
- o

Random text:

- User enters random text (e.g. asdfgh):
  - o No suggestions displayed
  - o Validation error shown on Continue

There is a problem

Enter a valid town, city or postcode

Where do you want to study?

You can search anywhere in England.

Some courses are only available to people living in the local area. This can apply even if it is online training. It is more common for short cour or those aiming to help you find employment. Check with the provider you are unsure.

Enter a town, city or postcode (optional)

Enter a valid town, city or postcode

ygyvjv

How far are you able to travel? (optional)

◯ Up to 2 miles

Pass- Validation shown on Continue

Paste behaviour:

- User pastes invalid text:
  - o Same validation rules apply

Pass- Validation shown on Continue

Post-selection editing:

- User selects a valid suggestion, then edits it into an invalid value:
  - o Validation fails on Continue

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- **Pass-** Validation shown on Continue

8. State & Persistence

Selected location persists when:

- User navigates forward
- User clicks Back
- User clicks Change from "Check your answers"

Skipped location:

- If user skipped the location step:
  - Field remains empty when returning

Pass- fields are empty when returning

9. England-Only & Ambiguous Location Edge Cases

Ambiguous place names (England-only enforced):

- Lower Slaughter (Gloucestershire) - **Pass**
- Richmond (London vs North Yorkshire)- **Partial pass comes up for north Yorkshire not london**
- St Ives (Cornwall vs Cambridgeshire)- **Pass**
- Boston (Lincolnshire, **not USA**)- **Pass**

Non-England locations:

- Cardiff (Wales) → should fail validation / show no suggestions - **Pass**

Special characters in valid England locations:

- Berwick-upon-Tweed- **Pass**
- Land's End- **Fail**
- Isles of Scilly- **Pass**

Invalid characters:

- Emojis in location input- **no results -pass**
- Special characters do not part of valid names - **Lon$don – no results -pass**

Funny postcode

Manchster- incorrect spelling

- **Richmond** (London vs North Yorkshire)
- **Newport** (Isle of Wight vs other UK locations)
- **St Ives** (Cambridgeshire vs Cornwall)
- **Ashford** (Kent vs Surrey)- **pass**
- **Boston** (Lincolnshire vs international)

Location that differ slightly

- Newcastle vs Newcastle-under-Lyme - **Pass**
- Kingston vs Kingston upon Thames- **Partial pass Kingston upon thames doesn't come up**
- Stratford vs Stratford-upon-Avon - **Pass**
- St Albans vs St Alban's (apostrophe variation) -**Pass**

User types partial prefix:

- St → St Ives, St Albans, St Neots - **Pass**
- User types partial suffix:
- upon → Kingston upon Thames, Stratford upon Avon - **Pass**

10. Mixed / Real-World Input Patterns

- Postcode + town entered together
  - e.g. SW1 London, SE9 Eltham
  - Behaviour is consistent and does not break autocomplete

Shows no results found

Enter a town, city or postcode (optional)

SE9 Eltham

No results found