**Usability and Performance Testing- Workshop Sheet**

Each task is to be completed in order with record of time, clicks and success for each task. Comments about issues or difficulties is noted.

**Part 1: Scenario based tasks**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Scenario and Action | Time Taken (sec) | Click Count | Success (Y/N) | Comments/ Issues |
| 1 | Find all schools in a given area. |  |  |  |  |
| 2 | Export school data |  |  |  |  |
| 3 | Compare land use types in two neighbourhoods |  |  |  |  |
| 4 | Toggle between base maps and thematic layers |  |  |  |  |
| 5 | Annotate a location and share it |  |  |  |  |
| 6 | Locate all schools within this district and export their locations |  |  |  |  |
| 7 | Identify areas of residential land use with high density and save the filtered data |  |  |  |  |
| 8 | Toggle off all land uses except residential and commercial, describe what you observe about the spatial distribution of these land uses, export a map highlighting these layers. |  |  |  |  |
| 9 | Toggle on a layer from each group category |  |  |  |  |
| 10 | Toggle heritage layers on, try clicking on features to get more information. Is the information clear and useful? What would improve it? |  |  |  |  |

**Part 2: Performance Metrics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Metric | Broadband Goal | 4G Goal | Actual  Result | Pass/Fail | Notes |
| Load time | <4s | <8s |  |  |  |
| Interaction lag | ≤0.5s | ≤0.5s |  |  |  |
| Export time (medium dataset) | <10s | <10s |  |  |  |
| Time to locate specific dataset | ≤20s | ≤20s |  |  |  |

**Part 3: Device Responsiveness Checks**

|  |  |  |
| --- | --- | --- |
| Device/ Interaction | Pass/ Fail | Notes |
| Displays correctly on desktop |  |  |
| Displays correctly on tablet |  |  |
| Displays correctly on smartphone |  |  |
| Displays correctly on different browser (specify) |  |  |
| Touch control functions correctly |  |  |
| Mouse interactions function correctly |  |  |
| Layer switching fast and visually clear |  |  |