Link to Magpie: <https://magpie.solonsstuff.com>

Link to forms: <https://forms.office.com/e/X9V46Yf4ws>

Notes: Introduce Magpie as a GIS system!!!!

# Usability testing – Controlled

## User 1: C24329646 (Livia)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Status** | **Time taken** | **Difficulty** | **Errors** |
| Load Magpie application |  |  |  |  |
| Sign up new account |  |  |  |  |
| Complete tutorial |  |  |  |  |
| Place cursor on any area and adjust radius to 250m |  |  |  |  |
| Zoom in to road name level |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Zoom out to see the full radius |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Filter to view only parking meter data |  |  |  |  |
| Filter to view no amenity data |  |  |  |  |
| Filter to view 2 amenities of your choice |  |  |  |  |
| Place cursor on another area and adjust radius to 100m |  |  |  |  |
| Go through the tutorial and exit at step 3 |  |  |  |  |
| Logout |  |  |  |  |
|  |  |  |  |  |

Additional notes on the experience:

## User 2: benjohnson (Ben)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Status** | **Time taken** | **Difficulty** | **Errors** |
| Load Magpie application |  |  |  |  |
| Sign up new account |  |  |  |  |
| Complete tutorial |  |  |  |  |
| Place cursor on any area and adjust radius to 250m |  |  |  |  |
| Zoom in to road name level |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Zoom out to see the full radius |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Filter to view only parking meter data |  |  |  |  |
| Filter to view no amenity data |  |  |  |  |
| Filter to view 2 amenities of your choice |  |  |  |  |
| Place cursor on another area and adjust radius to 100m |  |  |  |  |
| Go through the tutorial and exit at step 3 |  |  |  |  |
| Logout |  |  |  |  |
|  |  |  |  |  |

Additional notes on the experience:

## User 3: D22125503 (Paul)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Status** | **Time taken** | **Difficulty** | **Errors** |
| Load Magpie application |  |  |  |  |
| Sign up new account |  |  |  |  |
| Complete tutorial |  |  |  |  |
| Place cursor on any area and adjust radius to 250m |  |  |  |  |
| Zoom in to road name level |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Zoom out to see the full radius |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Filter to view only parking meter data |  |  |  |  |
| Filter to view no amenity data |  |  |  |  |
| Filter to view 2 amenities of your choice |  |  |  |  |
| Place cursor on another area and adjust radius to 100m |  |  |  |  |
| Go through the tutorial and exit at step 3 |  |  |  |  |
| Logout |  |  |  |  |
|  |  |  |  |  |

Additional notes on the experience:

## User 4: C21459946 (Grace)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Status** | **Time taken** | **Difficulty** | **Errors** |
| Load Magpie application |  |  |  |  |
| Sign up new account |  |  |  |  |
| Complete tutorial |  |  |  |  |
| Place cursor on any area and adjust radius to 250m |  |  |  |  |
| Zoom in to road name level |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Zoom out to see the full radius |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Filter to view only parking meter data |  |  |  |  |
| Filter to view no amenity data |  |  |  |  |
| Filter to view 2 amenities of your choice |  |  |  |  |
| Place cursor on another area and adjust radius to 100m |  |  |  |  |
| Go through the tutorial and exit at step 3 |  |  |  |  |
| Logout |  |  |  |  |
|  |  |  |  |  |

Additional notes on the experience:

## User 5: C24394486 (Tyler)

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| --- | --- | --- | --- | --- |
| **Task** | **Status** | **Time taken** | **Difficulty** | **Errors** |
| Load Magpie application |  |  |  |  |
| Sign up new account |  |  |  |  |
| Complete tutorial |  |  |  |  |
| Place cursor on any area and adjust radius to 250m |  |  |  |  |
| Zoom in to road name level |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Zoom out to see the full radius |  |  |  |  |
| Place cursor on another area |  |  |  |  |
| Filter to view only parking meter data |  |  |  |  |
| Filter to view no amenity data |  |  |  |  |
| Filter to view 2 amenities of your choice |  |  |  |  |
| Place cursor on another area and adjust radius to 100m |  |  |  |  |
| Go through the tutorial and exit at step 3 |  |  |  |  |
| Logout |  |  |  |  |
|  |  |  |  |  |

Additional notes on the experience:

# Usability testing – Field-test

## User 1: Damian

|  |
| --- |
| What do you use amenity data for in your professional life? |
|  |
| How are you currently accessing this data? |
|  |
| What issues have you run into accessing or using the data? |
|  |
| What is the data you are usually accessing? |
|  |
| Based on the answers above, create a scenario and go through Magpie as you would your other tool to access the information you are looking for. |
|  |
| Additional comments/feedback: |
|  |
| Behavior notes: |
|  |

## User 2: Brendan

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| --- |
| What do you use amenity data for in your professional life? |
| For travelling around the world, consultancy |
| How are you currently accessing this data? |
| Google maps |
| What issues have you run into accessing or using the data? |
| Confusing; different information each time you go in (related to amenities), inconsistency in who the information is presented; inconsistency within the google products (maps, gmail, assistant) |
| What is the data you are usually accessing? |
| Locations, streetview, public transport, parking, site seeing, route-planing |
| Based on the answers above, create a scenario and go through Magpie as you would your other tool to access the information you are looking for. |
| He did not follow a scenario, he just explored every feature and looked in detail at specific functions like the marker, the icons, the radius, etc… |
| Additional comments/feedback: |
| Login/sign up: why is username required? Username should be email; What about two factor authentication? Need an IMAX server so for future work.  Misc: Why are we requesting location? For the marker data (maybe we should let the user know this is where they are on the map?); need a landing page to present magpie; is the version prototype logo useful? Maybe for dev; show more information and the ml images we worked on (personal preference); reiterates we should put the ml forward (maybe on the about us)  Onboarding: content of step 2, explain radius of what; the positioning of certain elements is off in Firefox; content wording change “dozen” for something else; step 5 should point to the map, investigate the bug.  Dashboard: button to clear the marker & radius from the map; leave the count of toggled off amenities; implement quick reset button for amenities; compress list of amenities; make it more obvious to scroll down the dashboard or compress everything to fit window-size (Firefox issue?)  Map: plus and minus to zoom in and out of the map; more information from the icons by clicking on them 🡪 marked up image that detects this space (google street view), information on the spot (private, free, carpark); make the selected icons more visually striking, a little hover maybe  Technical: when clicking on map, there is a slight offset between where the marker appears and where the user clicked; implement something to avoid mis-clicking and loosing original marker position; Icons move when you toggle on and off certain amenities  Overall: produce data-driven approach for the interface if that’s the kind of users we want |
| Behavior notes: |
| Reached for the slider buttons for ease – good  Very tempted to click on the icons |

## User 3: andrej.malik (Andrej)

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| What do you use amenity data for in your professional life? |
|  |
| How are you currently accessing this data? |
|  |
| What issues have you run into accessing or using the data? |
|  |
| What is the data you are usually accessing? |
|  |
| Based on the answers above, create a scenario and go through Magpie as you would your other tool to access the information you are looking for. |
|  |
| Additional comments/feedback: |
|  |
| Behavior notes: |
|  |

## User 4: bryan.boyle (Bryan)

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| What do you use amenity data for in your professional life? |
|  |
| How are you currently accessing this data? |
|  |
| What issues have you run into accessing or using the data? |
|  |
| What is the data you are usually accessing? |
|  |
| Based on the answers above, create a scenario and go through Magpie as you would your other tool to access the information you are looking for. |
|  |
| Additional comments/feedback: |
|  |
| Behavior notes: |
|  |

## User 5: mairatsa (Maira)

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| What do you use amenity data for in your professional life? |
|  |
| How are you currently accessing this data? |
|  |
| What issues have you run into accessing or using the data? |
|  |
| What is the data you are usually accessing? |
|  |
| Based on the answers above, create a scenario and go through Magpie as you would your other tool to access the information you are looking for. |
|  |
| Additional comments/feedback: |
|  |
| Behavior notes: |
|  |