

# Line Planner

## Wireframes

Common device sizes are:

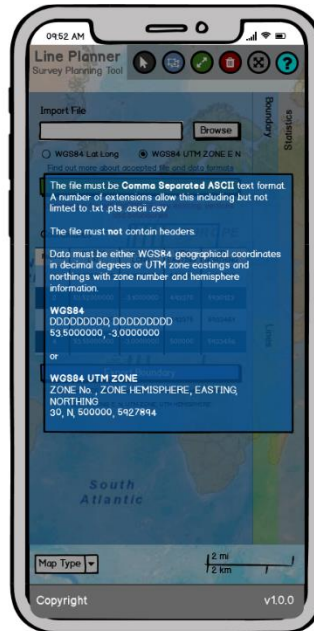
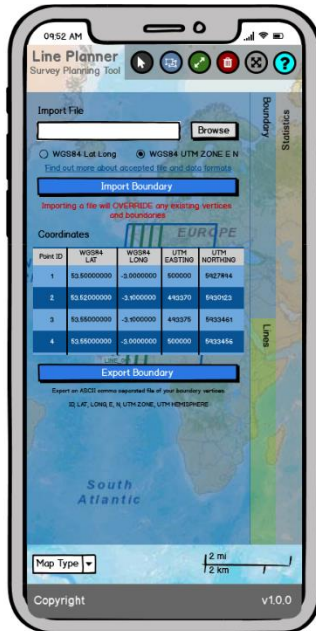
- Mobile Phones (xs-sm Bootstrap sizing)
- Tablets (md-lg Bootstrap sizing)
- Desktops (xl+ Bootstrap sizing)

Wireframes were created on the 18<sup>th</sup> August 2020 during the UX Design planning phase of the project. The wireframes were designed in Balsamiq Wireframes 4.

The site remained closely aligned to the initial wireframe and surface plans, with the majority of colours used, layout and display interaction met. Notable changes include the white, rather than grey background on the tool bar and black rather than coloured toolbar icons, and the lack of modal popup elements as their functionality was not included in the initial release.

The side panels at sm breakpoints can also overlap, which was not in the original design but presented a challenge which could not be resolved in this release. At medium breakpoints it was also decided to decrease the width of the interface sections to allow both left and right to sit side by side without overlap.

# Mobile Planned



Top toolbar is expandable to show further tools as required

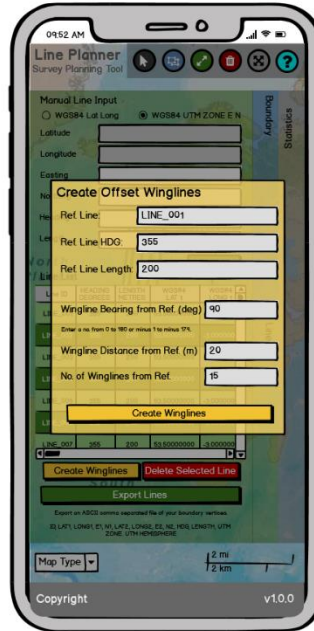
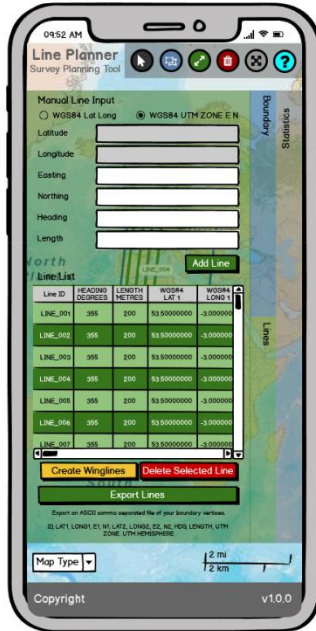
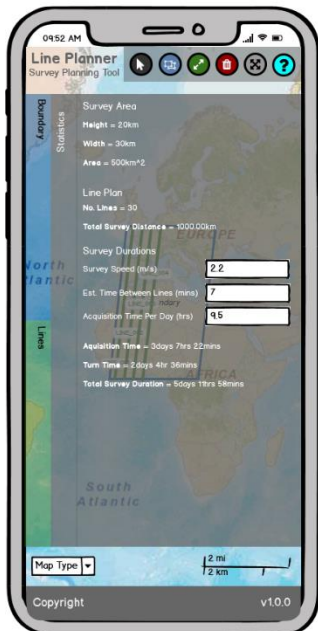
The main view is fully filled with a Google Map save for the footer.

Side panels are collapsed by default and expand when clicked.

The header, toolbars and sidebars all float over the map. All have some element of transparency.

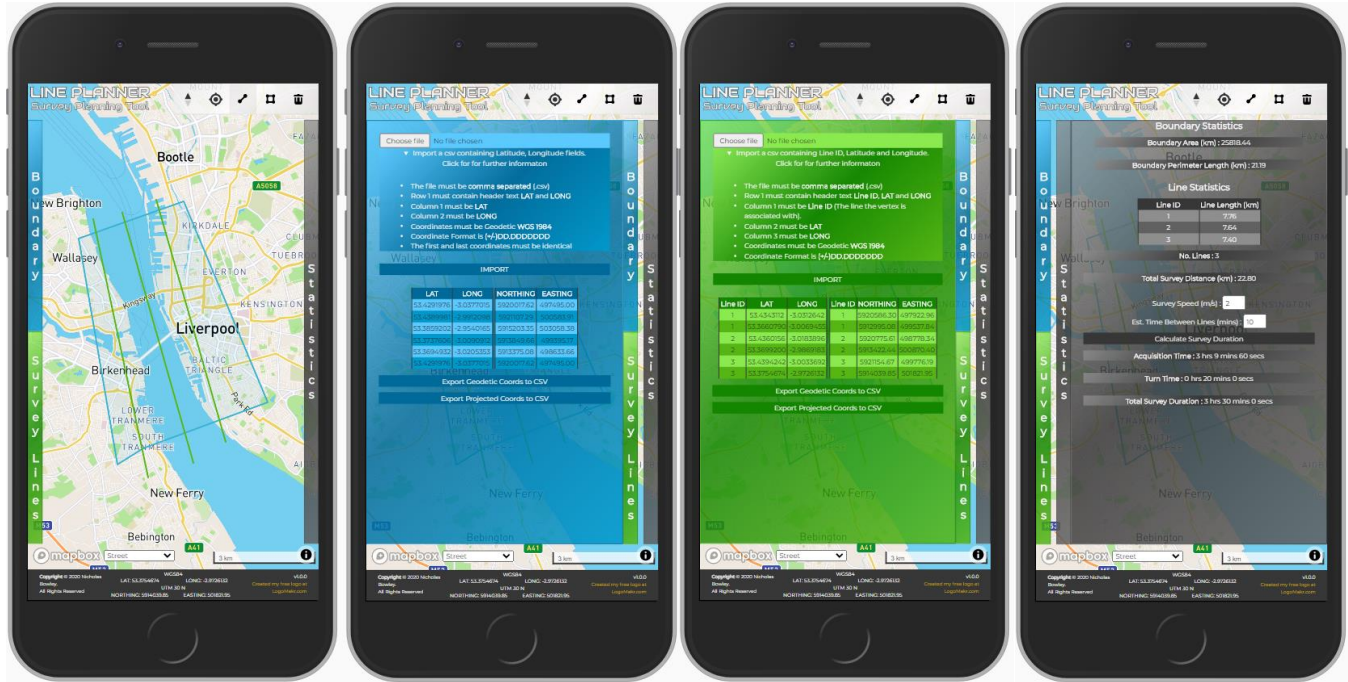
In mobile view only one panel is viewable at a time.

The Map Type Control will be positioned from its default and fixed to dropdown style throughout all breakpoints



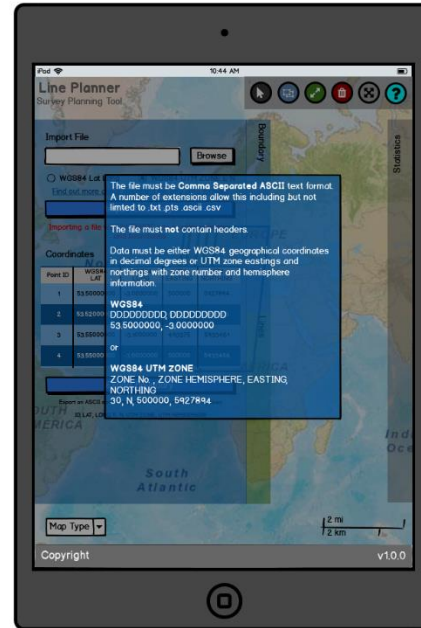
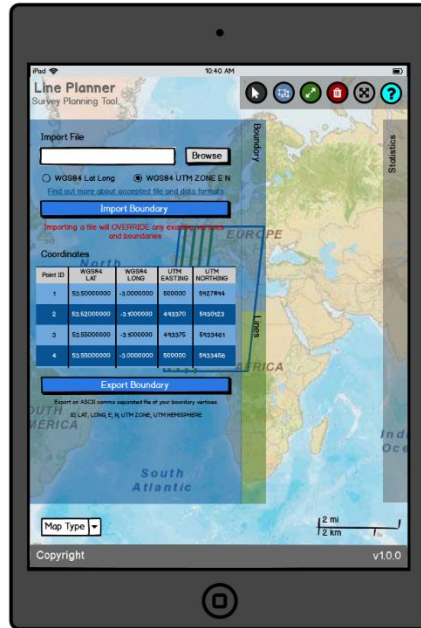
Sidebars contain interactive features such as file uploads and exports, live tables which can select elements, and buttons to pop up modals for further in-depth functionality or explanation.

Final Product





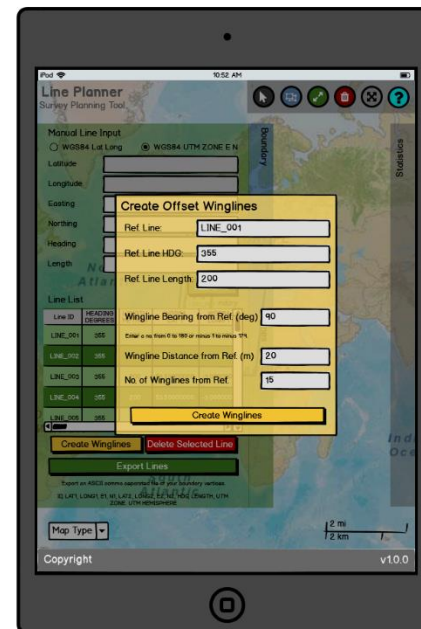
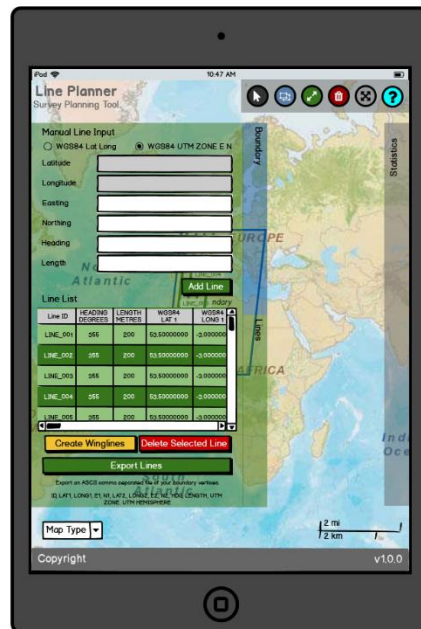
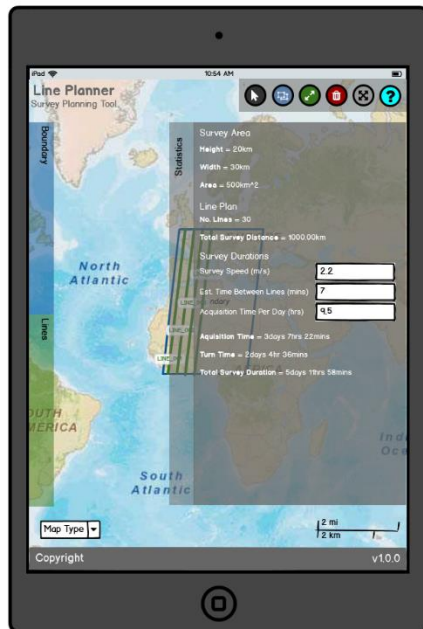
# Tablet Planned



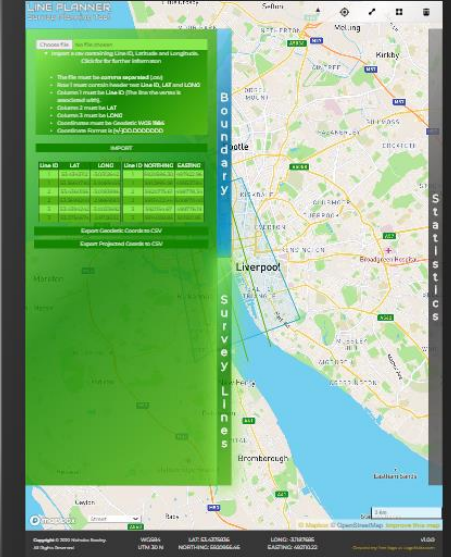
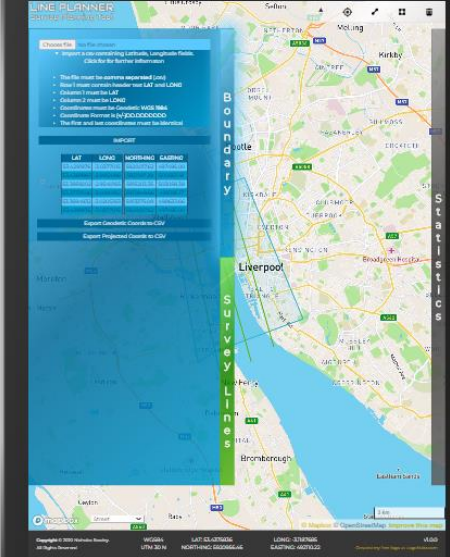
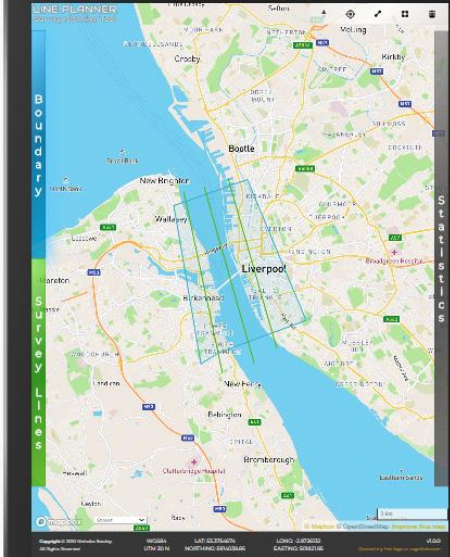
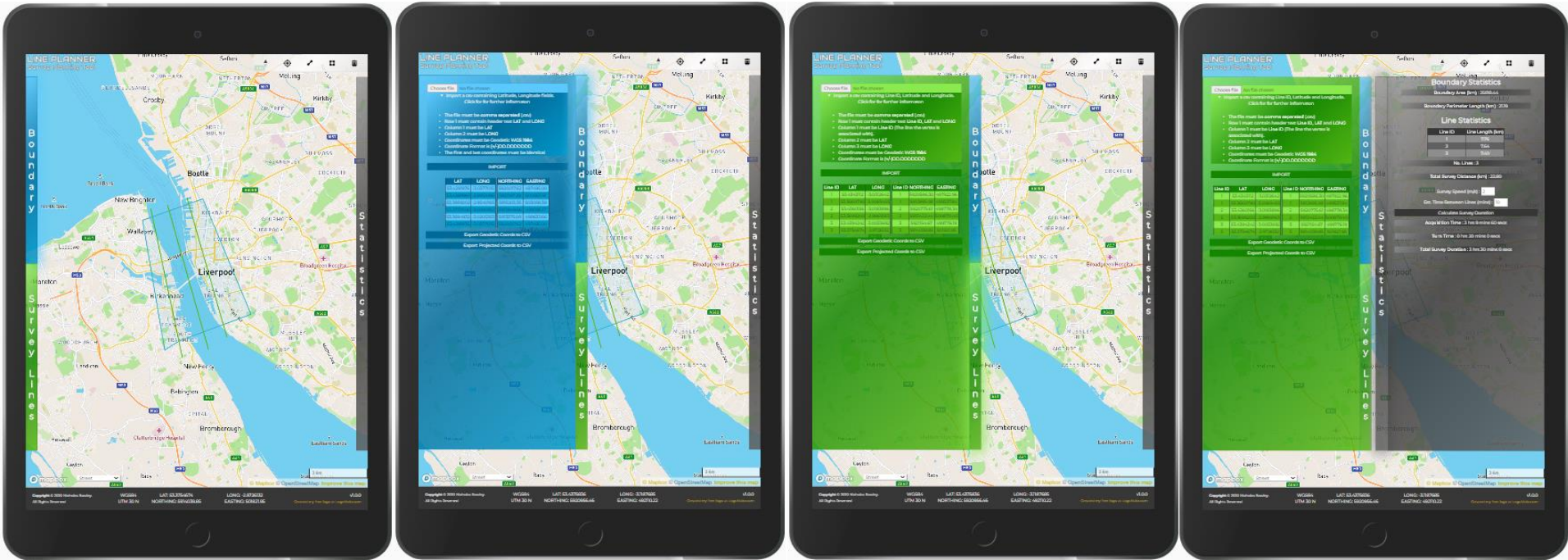
Top toolbar is expandable to show further tools as required, but may show more tools than in mobile view before expansion required

Side panels are collapsed by default and expand when clicked.

In tablet view only one panel is viewable at a time, but the panel does not span across whole width allowing some space to view the map/plan.

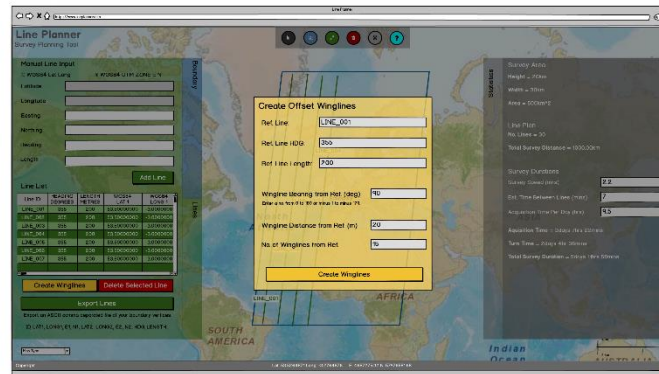
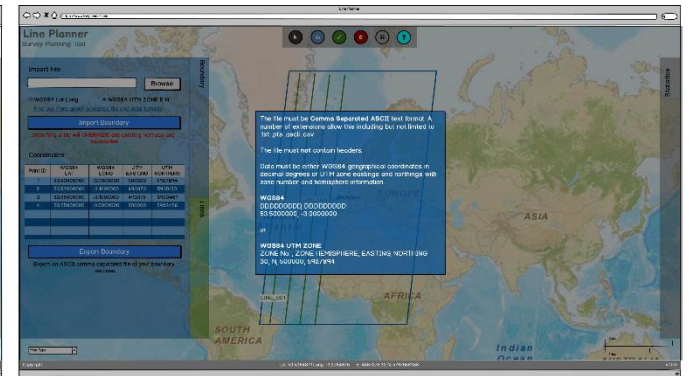
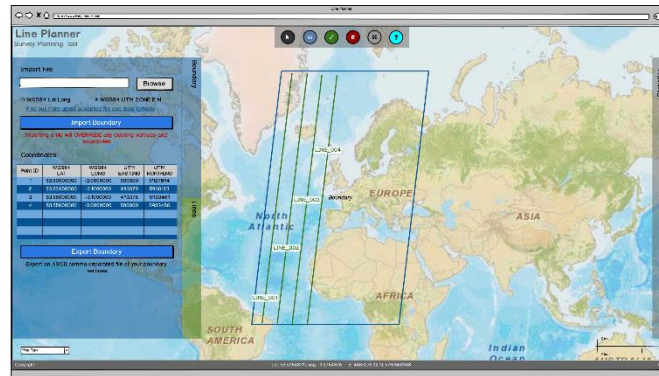
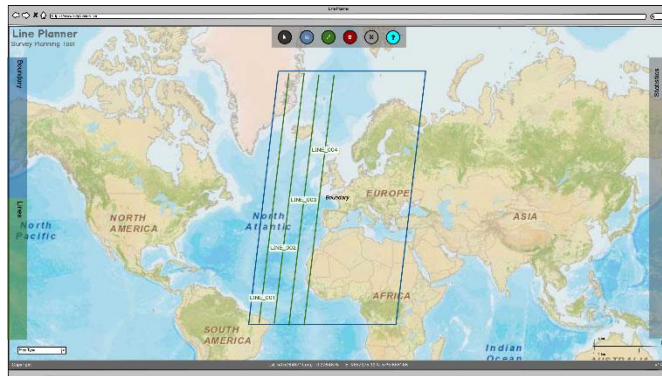


Final Product





# Desktop Planned



Top toolbar is expandable to show further tools as required, but may show more all tools with no expansion required no. tools is within width of toolbar.

Toolbar will be centre aligned and not expand to the edge of the media width, possibly no more than 1/2 or 1/3 or 2/3 screen width.

Side panels are collapsed by default and expand when clicked.

The footer now contains the cursor position in LAT and LONG and Easting and Northing.

In desktop view only more than one panel is viewable at a time, one from each edge, and the panels allow ample space to view the map/plan even when both edges are expanded.

Final Product

