PAOLO Heuristic for Google-Maps [iOS & Android App]

Heuristic refers to experience-based techniques for problem solving, learning, and discovery that find a solution which is not guaranteed to be optimal, but good enough for a given set of goals.

PAOLO: **P**ortrait, **A**udio, **O**bjects, **L**andscape, **O**verlay. Device Orientation Testing Mnemonic.

Google Maps: Provides directions, interactive *maps*, and satellite/aerial imagery of many countries

P: Portrait

1. Face up:

User Actions are listed down under User Actions at the bottom which can be performed on the app while in the above Orientations on both iOS and Android.

A: Audio:

Output

1. Speech Support
    a. Male
    b. female
2. Speak out Route Steps
3. Accents
    a. US
    b. UK
    c. India
    d. Korean etc
4. Can the Speech volume be adjusted?
5. Can speech be paused?
6. Can speech be head via an accessory?
7. Can speech be automatically paused while incoming call or msg or notifications?
8. Can speech and music be used together?

Input:

1. Can we use microphone to input destination or search places?
   a. Built in microphone
   b. Microphone From any accessory
2. Can we use Voice assistants when using Maps?

O: Objects:

1. Location pin properly placed?
2. Zoom controls
3. Compass
4. Current location indicator.
5. Are the places on maps displayed accurately?
6. Pause navigation
7. Navigation modes
8. Other settings

L: Landscape:

1. Landscape Left
2. Landscape Right

User Actions are listed down under User Actions at the bottom which can be performed on the app while in the above Orientations on both iOS and Android.

O: Overlay:

1. Are Alerts displayed?
   a. To sign in / sing up
   b. Internet connection prompts
   c. Notifications
   d. Access location prompts

User Actions: [Views]

1. Satellite View
2. Terrain View
3. 3D – View
4. Use Compass / Calibration with compass.
5. Show Traffic.
6. Set Destinations