

Serendipity

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The Motivation



Serendipity

A Berlino Con Luca

- Walk the 300+ steps to the tower for the view
- Great monument
- Walking into the cathedral is breathtaking

Direction

Fastest: Bus #6
歩 > バス > 歩
\$1.7 Every 2 mins
23 min >

Cheapest: Train
歩 > レール > 歩
\$1.7 Every 2 mins
38 min >

Other
歩 > バス > 歩
\$1.7 Every 2 mins
45 min >

步行
1hr 18 min >

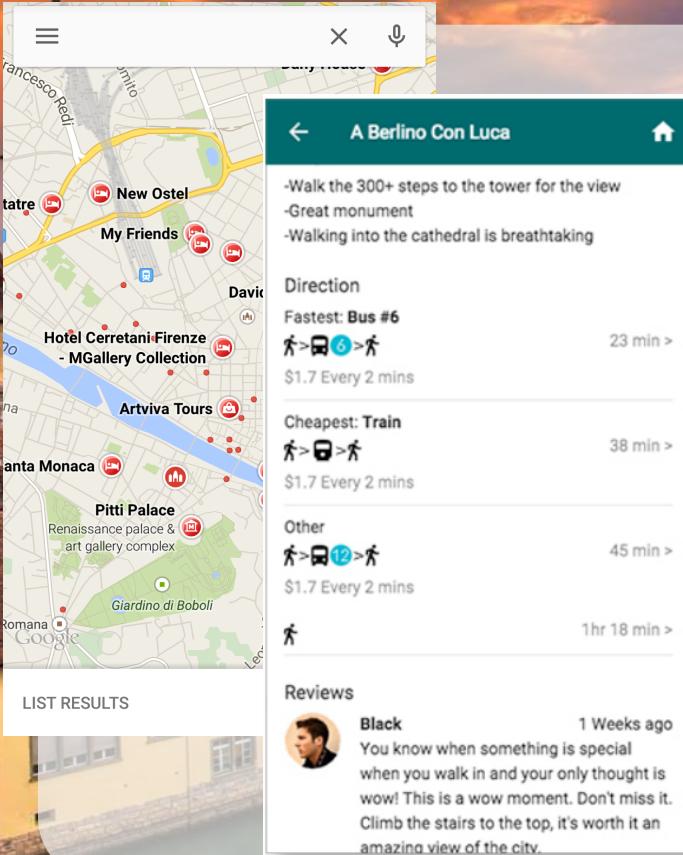
Reviews

Black 1 Weeks ago
You know when something is special when you walk in and your only thought is wow! This is a wow moment. Don't miss it. Climb the stairs to the top, it's worth it an amazing view of the city.

LIST RESULTS

A better way
to explore the
world around
you, on or
offline

Serendipity



Design Insights

1. Flexibility is paramount
2. Intermittent Connectivity

Deliverables

1. Working android application
2. Heuristic Evaluations of new designs
3. User studies on effectiveness of the app

Milestone 1 : Basic Maps

- Build a base android application that integrates with the Google Maps API and the Google Places API.
- Allow the user to select points on the Map near their location and add them to a "Current Journey" view.
- Digital Mockups of some of the newer features (Filtering & Navigation)
- Heuristic Evals of the above

Milestone 2 : Navigation

- Incorporate the Google Directions API into the android app to get simple navigation.
 - Bus
 - Walking
- Usability tests of navigation features

Milestone 3 : Finishing Touches

- Add various filters to the map to find specific types of places nearby (for example: Food, Hotels, WiFi)
- Set Home Feature
- Downloading extra data that the traveller didn't ask for

Out of Scope

- We will fake being offline (Stretch Goal)
- We will use only the 3 mentioned APIs and are limited to what they provide
- Narrowed focus of only walking and bus transit

What Success looks like

- A working application (if we engineered the offline portion) that would assist actual travellers
- Major Risk: Using the Google APIs proves to be much more difficult than our research suggests.

Questions?

