

# Application Development for Mobile and Ubiquitous Computing

Travsocio

Final Presentation

GroupNo. 14

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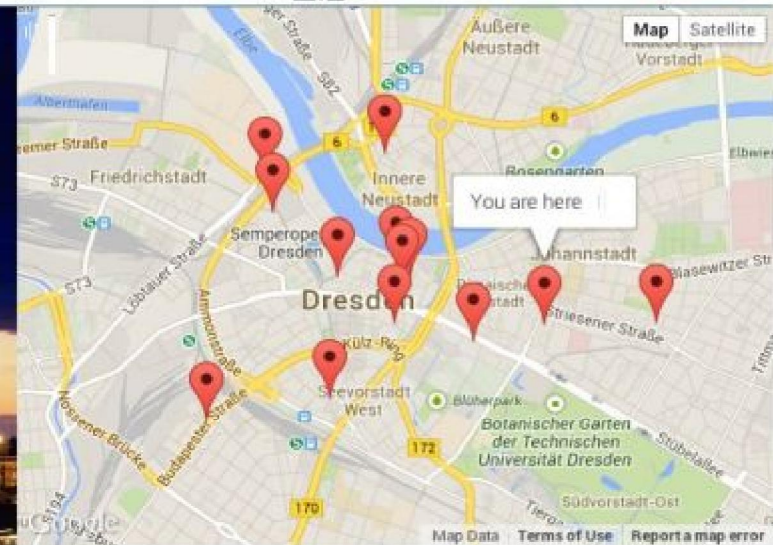
- One platform for knowing everything about your locality.
- Find interesting people visiting your holiday destination.
- Share experiences with friends and other users.
- Find hospitals, hotels, restaurants.. almost everything in your vicinity.
- Notify your friends if you are visiting them.

## **Server Side :**

- Google App Engine (Python)
- Template Rendering : Jinja2 (Python)
- Facebook SDK (Authentication)
- Google Maps API
- Google Places API
- MediaWikiAPI
- JSON

## **Client Side:**

- HTML
- CSS
- Javascript


[Create Event](#)
[Share experience](#)
[Get weather details](#)
[Find nearby friends](#)

Dresden (German pronunciation: [ˈdʁɛsdən]; Upper Sorbian: Drježdźany) is the capital city of the Free State of Saxony in Germany. It is situated in a valley on the River Elbe, near the Czech border. The Dresden conurbation is part of the Saxon Triangle metropolitan area with 2.4 million inhabitants. Dresden has a long history as the capital and royal residence for the Electors and Kings of Saxony, who for centuries furnished the city with cultural and artistic splendour. The city was known as the Jewel Box, because of its baroque and rococo city center. The controversial British and American bombing of Dresden in World War II towards the end of the war killed at least 25,000 civilians and destroyed the entire city center. The impact of the bombing ruined the face of the city, as did for other major German cities. After the war Restoration work has helped to reconstruct the historic inner city, including the Katholische Hofkirche, the Semper Oper and the Dresdner Frauenkirche as well as the suburbs. The city now is fully restored to its former glory. Before and Since German reunification in 1990, Dresden was and is one of the most cultural, educational, political and economic centers of Germany and Europe. The Dresden University of Technology is one of the 10 largest universities in Germany and part of the German Universities Excellence Initiative. [Wikipedia..](#)

—Comments—



Dresden is awesome !!!



Type your comment here....

Save

—Invite Friends—



Anoop David



Sora Aoi



Vaibhav Goyal



Vikas Saini



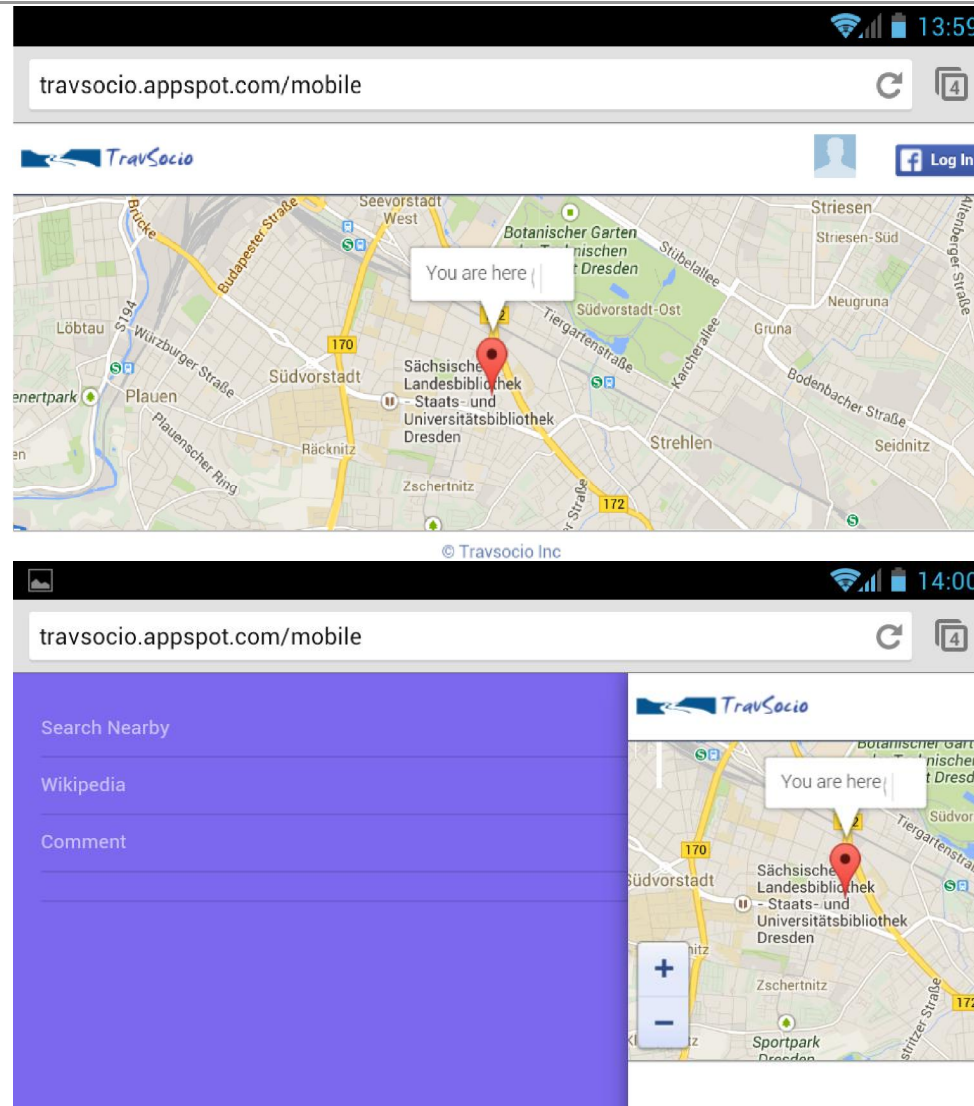
Sonali Singla



Jasmant Singh





Shalini Oberoi



# SEARCHING FOR HOTELS

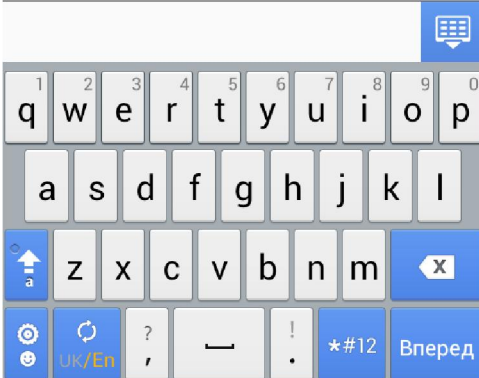
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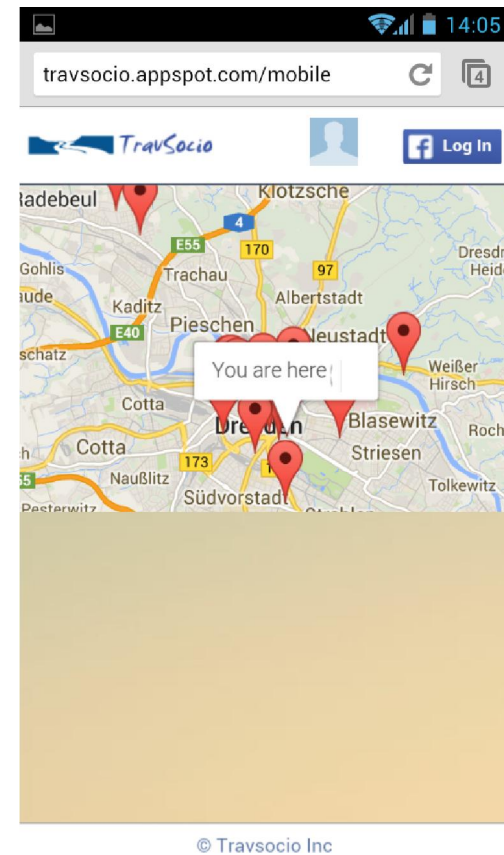
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City/Place:

Category :

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## **Content Adaptation**

*based on users location and requests*

## **Adaptation of Communication**

*based on user's device*

## **Adaptation of Application**

*based on user's device*

- Not Responsive Web Design,  
but Fluid Grids and Flexible Images;
- Geolocation API,  
with accessing to the location sensors;



- Broad range of APIs and tools to use (Google Places, Google Maps, MediaWiki etc);
- Adaptive Web Design – is important part of work (Mobile first);
- Hard to conquer native applications (higher efficiency, broader resources access);
- Errors because of parallel development may occur.



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# The End