

# TOURISM INTO DIGITAL TRANSFORMATION

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*Abstract— Data mining techniques have been considered the best technique for forecasting tourism industry. Tourism is travel for pleasure or business. The World Tourism Organization defines tourism more generally, in terms which go "beyond the common perception of tourism. It has become one of the fastest growing economic sectors in the world. Tourism is a prominent ecosystem service of this network of conservation areas. It is all about an application consisting popularity of tourist places, rating, categorization and famous attractions with corresponding ranges of weather. It is much more vivid when compared to different applications that are found on the google play store .It is confined to only a particular state.*

*Index Terms— Tourism, tourists, database, mobile application, destination, tourist attractions, popularity, Internet.*

## I. INTRODUCTION

According to the WTO **tourists** are people are who travel to different destinations and stay in **places outside their usual environment** for not more than one consecutive year for leisure, business and other purposes not related to the exercise of an activity remunerated from within the place visited. Tourism covers the major part of revenue in many parts of India. In Andhra Pradesh recently, Government has also taken initiative in developing the tourist places and infrastructure. The growth rate of **revenue has increased to 10.99%** which is a best way in revenue collection. Tourism covers many kinds of tourism like the heritage tourism ,waterfall tourism, business-convention tourism and many other regarding geography, climate, geology, soils but our application is based on detailing and

particulars of the destination the tourist expects to visit. Tourism is not only a business but a tradition followed in many rural parts of India, maintain the architecture that was built in the historic times. The main idea of approach is to **create a user friendly application** where variant features like categorization, popularity and famous attractions are all available in our application itself. The analysis shows that the tourism development is a popular way of remuneration & development where it provides information services to provide the tourist actual and suitable information for a wonderful experience. The application confines a distinct model design where it includes variant features in a single application. It is useful for any tourist, it acts like a best tourist guide to any tourist who is visiting the place for the first time. There is

no necessity for the user to browse the browser for every single detail of their favourable destination the wish to visit. This application also enables user in not wasting their valuable time it is also a **best time saver travel guide** with good detail. The system is useful for tourists as it helps them to search for more valuable places.

This system can be used by tourists to decide their place preferences.

- Finding collective information at our application.
- Easiest way of comparison
- There are various fields of aspects based on the highlights of particular tourist spot.
- State's top tourism destinations are listed.
- Results are shown by sub-region based on destination of the user.

## II. APPLICATION ARCHITECTURE

The application architecture includes features like weather forecast, major attractions of the destination the tourist wishes to visit, popularity which includes the famous cuisine or the availability of popular articles in the destination wished by the tourist. There exists many applications based on tourism but our application is different from others as any application would give a specific route map for the attractions and popular places available in the destination the tourist has arrived but our application would complete idea of the attractions and popularity in that particular destination with description and images.

The procedure on the client side is as follows:

- Application installed in the user mobile device that shares tourist context with the smart space and provides the tourist with best information.
- The basic page that is Sign-up page is opened as default where if you are an existing user you can login to your existing account else you can sign-up with your new account.
- This information service implements retrieving and caching the information about information given by the user.

- The user must provide the information that which destination he wants to visit.
- After the user logs in with the appropriate login information, further the application views homepage where user must prior with an option.
  - The features include weather-forecast, attractions of the destination chosen by the user, popularity available in the particular destination and global positioning system (GPS).
  - After the user chooses his priority the particular option is viewed.
  - If the user chooses his choice as weather-forecast, the weather-forecast of particular destination is viewed.
  - If the user chooses his choice as attractions, the various attractions in that particular destination are visible.
  - If the user chooses his choice as popularity, the various popular articles and their availability is visible along with the description which provides a complete information of the popularity along with the images.
  - If the user chooses his choice as GPS he can view the map and location of the destination.
  - This complete process is from the User/Client side

The process that includes from the database/Server side is:

- In the development phase, all the data that is description and images are created in the database.
- When the user chooses his choice of destination the data is retrieved and cached from the server and then sent through the application to display.
- This process is dynamic where the latest upcoming features will be updated every now and then by the admin(developer team) in the database.

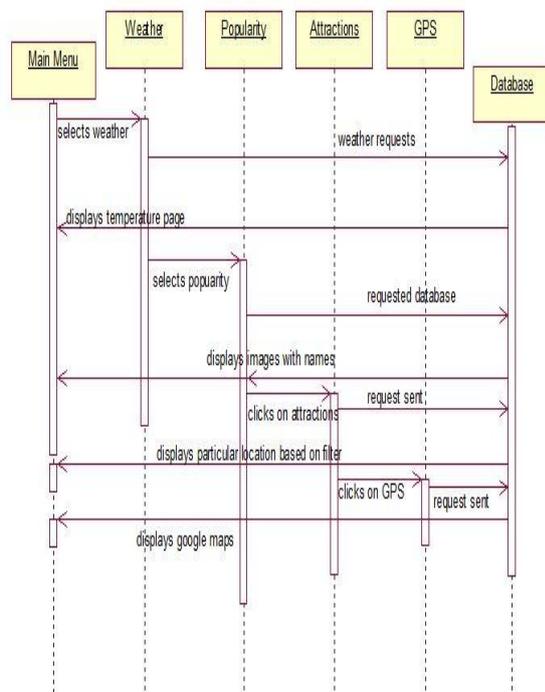


Fig:1 SEQUENCE DIAGRAM

III. CODES

The mainframe code used in our -application for sign-up page is:

```
<html>
<head>
</head>
<body id="image" style="background:url(2.jpg)
no-repeat; width:90%;height:75%;background-
size:100%;">
<center>
```

```
<form action="database.php" method="POST">
<br><br>
<caption>
<h1><font color="black" size="7"> </font> </h1>
</caption>
<br><br>
<br><br><br>
<tr><br><br>
<td><font color="blue">Enter Name&nbsp;<font
color="red">*</td>
<td>
<input type="text" name="t1">
</td>
</tr><br><br>
<tr>
<td><font color="blue">Enter E-mail id
&nbsp;<font color="red">*</td>
<td><input type="text" name="t2"></td>
</tr>
<br><br>
<tr>
<td>
<font color="blue">Enter
Password&nbsp;<font color="red">*</td>
<td>
<input type="password" name="t3"></td>
</tr>
<br><br>
<tr>
<td>
<font color="blue">Enter Phone
Number&nbsp;<font color="red">*</td>
<td>
<input type="text" name="t4"></td>
</tr>
<tr><br><br>
<input type="submit" value="Signup">
<br><br>
Existing User?<a href="login.html"
target="f8" font
color="black">LOGIN</a>
</form>
```

```

</center>
</body>
</html>

```

The above code is used for registering into the application if the user is new with the application.



#### IV. ABBREVIATIONS AND ACRONYMS

- **ADT** –Android Development Tools.
- **SQL** – Structured Query Language.

Fig 2.: TOURISM IN TO DIGITAL TRANSFORMATION

[https://www.researchgate.net/publication/316892149\\_Infrastructure\\_Development\\_in\\_Andhra\\_Pradesh](https://www.researchgate.net/publication/316892149_Infrastructure_Development_in_Andhra_Pradesh)

#### VI. CONCLUSION

An extensible accessible application available for the tourists who wish to visit various destinations for recreation and relieve their stress levels with variant features all available at our application “ANDHRA PRADESH TOURISM”.

#### VII. ACKNOWLEDGEMENT

The presented results are part of research carried out. There will also be a future extension for this project further with many upgraded features.

#### VIII. REFERENCES

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- 3. <https://developers.google.com/maps/documentation/javascript/mysql-to-maps>
- 4. <https://ieeexplore.ieee.org/document/7373873>
- 5. [http://shodhganga.inflibnet.ac.in/bitstream/10603/110109/8/08\\_chapter-ii.pdf](http://shodhganga.inflibnet.ac.in/bitstream/10603/110109/8/08_chapter-ii.pdf)

#### V. SOME COMMON MISTAKES

The very common mistakes that occurred while developing are the handling versions of the php that is the codes must be scripted in the same versions.