



**BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE  
APPLICATIONS AND GEO-INFORMATICS**  
**WEEKLY PROGRESS REPORT (02/02/2026 – 08/02/2026)**

**WEEK 9**

**PROJECT NAME**

**DIGITAL TOWN PLATFORM**

**PROJECT DESCRIPTION :**

**DESIGN TO PROVIDE TOWN-LEVEL  
INFORMATION, SERVICES, THROUGH A SINGLE  
SYSTEM**

**GROUP MEMBER :**

**Vandit Muniya, Mitanshu Parmar**

**GROUP ID :**

**2025G152**

**GROUP GUIDE :**

**Dr. MANOJ PANDYA**

**GROUP COORDINATOR :**

**SIDHDHARTH PATEL**

**COLLEGE GUIDE NAME :**

**NEHA FOTEDAR**

**COLLEGE GUIDE No. :**

**NOT ASSIGNED**

**COLLEGE GUIDE EMAIL. :**

**Nehafotedar.ce@ddu.ac.in**

**COLLEGE NAME :**

**DHARMSINH DESAI UNIVERSITY, NADIAD**

02/02/2026	<ul style="list-style-type: none"> <li><b>Vandit Muniya:</b> Worked on PostGIS radius-based search queries, implementing ST_DWithin and ST_Distance for fetching nearby places based on longitude and latitude.</li> <li><b>Mitanshu Parmar:</b> Assisted in reviewing query output and validating distance calculations.</li> </ul>
03/02/2026	<ul style="list-style-type: none"> <li><b>Vandit Muniya:</b> Debugged geospatial query issues where incorrect results were returned due to coordinate order and geography casting.</li> <li><b>Mitanshu Parmar:</b> Helped test API responses using multiple coordinate inputs.</li> </ul>
04/02/2026	<ul style="list-style-type: none"> <li><b>Vandit Muniya:</b> Developed and tested Python scripts for verifying place datasets using OpenStreetMap Overpass API, focusing on hospitals and government offices.</li> <li><b>Mitanshu Parmar:</b> Reviewed Overpass API responses and verified whether returned elements matched expected place categories.</li> </ul>
05/02/2026	<ul style="list-style-type: none"> <li><b>Vandit Muniya:</b> Investigated issues related to empty CSV output and responses from Overpass API, refining query filters and request structure.</li> <li><b>Mitanshu Parmar:</b> Assisted by re-running queries, checking raw responses, and identifying possible issues in query conditions.</li> </ul>
06/02/2026	<ul style="list-style-type: none"> <li><b>Vandit Muniya:</b> Continued debugging of Overpass API queries, adjusting bounding parameters and request logic to improve data retrieval accuracy.</li> <li><b>Mitanshu Parmar:</b> Reviewed extracted data and verified attribute mapping.</li> </ul>

07/02/2026	<ul style="list-style-type: none"> <li>• <b>Vandit Muniya:</b> Worked on improving API response structure for location-based data to align with frontend requirements.</li> <li>• <b>Mitanshu Parmar:</b> Verified response formats and ensured consistency across different test cases.</li> </ul>
08/02/2026	<b>Holiday (Sunday)</b>

Next Week Plan	<ul style="list-style-type: none"> <li>• Continue development of the Service feature backend, completing the remaining parts of service listings and extending service provider workflows.</li> <li>• Implement and finalize admin-side approval and management APIs for services.</li> <li>• Improve location (latitude &amp; longitude) handling so service data can be reliably linked with location information.</li> </ul>
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**Github link:**

[https://github.com/MeetanshuP/Digital\\_Town\\_Management](https://github.com/MeetanshuP/Digital_Town_Management)

**SCREEN SHOTS :**

VillageConnect

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## Local Services Directory

Find essential services and contact details in your village.

All Health Police Education Government Utilities Search services... Select City Use My Location

No services found in this category.

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## Local Services Directory

Find essential services and contact details in your village.

All Health Police Education Government Utilities Search services... Ahmedabad Use My Location

Showing services near: Ahmedabad

<b>Ellisbridge Police Station</b> GOVERNMENT Ellisbridge Police Station, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Ahmedabad Town Hall</b> GOVERNMENT Ahmedabad Town Hall, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Dr. Manoj Tank E.N.T. Hospital</b> HEALTH Dr. Manoj Tank E.N.T. Hospital, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380007, India Details	<b>Karnavati Hospital Pvt. Ltd.</b> HEALTH Karnavati Hospital Pvt. Ltd., Surendra Mangaldas Road, Kochrab, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details
<b>Jaliyan Orthopaedic Hospital</b> HEALTH Jaliyan Orthopaedic Hospital, Surendra Mangaldas Road, Paldi, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> GOVERNMENT Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> GOVERNMENT Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> GOVERNMENT Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details

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<b>Ellisbridge Police Station</b> , Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Ahmedabad Town Hall</b> , Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Dr. Manoj Tank E.N.T. Hospital</b> , Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380007, India Details	<b>Kamavati Hospital Pvt. Ltd.</b> , Surendra Mangaldas Road, Kochrab, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details
<b>Jalyan Orthopaedic Hospital</b> Jalyan Orthopaedic Hospital, Surendra Mangaldas Road, Paldi, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Balghar</b> Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details
<b>Balghar</b> Balghar, Ashram Road, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Smt.NHL Municipal Medical College Hospital</b> Smt.NHL Municipal Medical College Hospital, Sabarmati Riverfront road, Kochrab, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Smt. N.H.L. Municipal Medical College</b> Smt.NHL Municipal Medical College Hospital, Sabarmati Riverfront road, Kochrab, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details	<b>Stavya Spine Hospital and Research Institute</b> Stavya Spine Hospital and Research Institute, Punshotam Malvankar Marg, Paldi, Navrangpura, Sabarmati Taluka, Ahmedabad, Gujarat, 380006, India Details

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## Local Services Directory

Show essential services and contact details in your village.

All Health Police Education Government Utilities Search services... Ahmedabad Use My Location

Showing services near: Ahmedabad

<b>Vishwakarma Government Engineering College, Chandkheda</b> 7923293866 Vishwakarma Government Engineering College, Chandkheda, 4D-Mall Road, Asava Taluka, Ahmedabad, Gujarat, 382424, India Details	<b>Tapovan Sanskar Peeth</b> Sardar Patel Ring Road, Gandhinagar Taluka, Gandhinagar, Gujarat, 382424, India Details	<b>NIRMA University</b> Kalupur Cooperative Commercial BANK, Tragad gam road, Tragad, Ghatlodia Taluka, Ahmedabad, Gujarat, 382470, India Details	<b>Swarrnim International School</b> Swarrnim International School, Sarkhej-Gandhinagar Highway, Adalaj, Gandhinagar Taluka, Gandhinagar, Gujarat, 382423, India Details
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