



**BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE  
APPLICATIONS AND GEO-INFORMATICS**

**WEEKLY PROGRESS REPORT (22/12/2025 – 28/12/2025)**

**WEEK 3**

**PROJECT NAME**

**DIGITAL TOWN PLATFORM**

**PROJECT DESCRIPTION :**

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

**GROUP MEMBER :**

**Vandit Muniya, Mitanshu Parmar, Dixit Ram**

**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**

22/12/2025	<ul style="list-style-type: none"> <li>• The team conducted a detailed group discussion to finalize the core concept of the Digital Town Platform.</li> <li>• Discussed and finalized the major modules and core features such as town news &amp; announcements, local services directory, agriculture support, grievance &amp; feedback system, local marketplace, and events &amp; community calendar.</li> <li>• Initial brainstorming was done to understand project scope, feasibility, and system objectives. (Group Discussion – Vandit Muniya, Mitanshu Parmar, Dixit Ram)</li> </ul>
23/12/2025	<ul style="list-style-type: none"> <li>• The team focused on identifying and finalizing user roles required in the system.</li> <li>• Decided on two main roles:</li> <li>• User (Normal User &amp; Service Provider with role switching)</li> <li>• Admin</li> <li>• Discussed how role separation will help in deciding the number of interfaces and access permissions.</li> <li>• Finalized role based feature visibility to simplify UI/UX design.</li> <li>• (Group Discussion – Vandit Muniya, Mitanshu Parmar, Dixit Ram)</li> </ul>
24/12/2025	<ul style="list-style-type: none"> <li>• Designed and finalized the UML Use Case Diagram, improving role separation and use case ordering for better clarity and academic correctness.(Vandit Muniya)</li> <li>• Discussed and analyzed the system data flow, identifying key processes such as user management, grievance handling, marketplace operations, and announcements.(Mitanshu Parmar)</li> <li>• Created and refined DFD Level 0 and Level 1, ensuring accurate representation of processes, data stores, and compliance with standard software engineering practices.(Dixit Ram)</li> </ul>
25/12/2025	Holiday(christmas)
26/12/2025	<ul style="list-style-type: none"> <li>• Final review of core features, roles, and system models was performed.</li> <li>• Ensured consistency between feature list, role based access, DFDs, and Use Case Diagrams.</li> <li>• Prepared system design content to be ready for</li> </ul>

	<p>implementation phase.</p> <ul style="list-style-type: none"> <li>• Discussed next steps including UI design, backend implementation, and integration planning.</li> <li>• (Finalization &amp; Planning – Vandit Muniya, Mitanshu Parmar)</li> <li>• Absent (Dixit Ram)</li> </ul>
27/12/2025	Holiday (4 <sup>th</sup> Saturday)
28/12/2025	Holiday (Sunday)

Next Week Plan	<p>I The team plans to start the detailed system design and implementation phase, focusing on frontend and backend architecture.</p> <p>UI wireframes and role-based interfaces will be designed for Normal User, Service Provider, and Admin.</p> <p>Backend setup will begin, including database schema design, API planning, and initial module implementation.</p>
----------------	--

**Github link:**

[https://github.com/MeetanshuP/Digital\\_Towm\\_Management](https://github.com/MeetanshuP/Digital_Towm_Management)

## SCREEN SHOTS :





