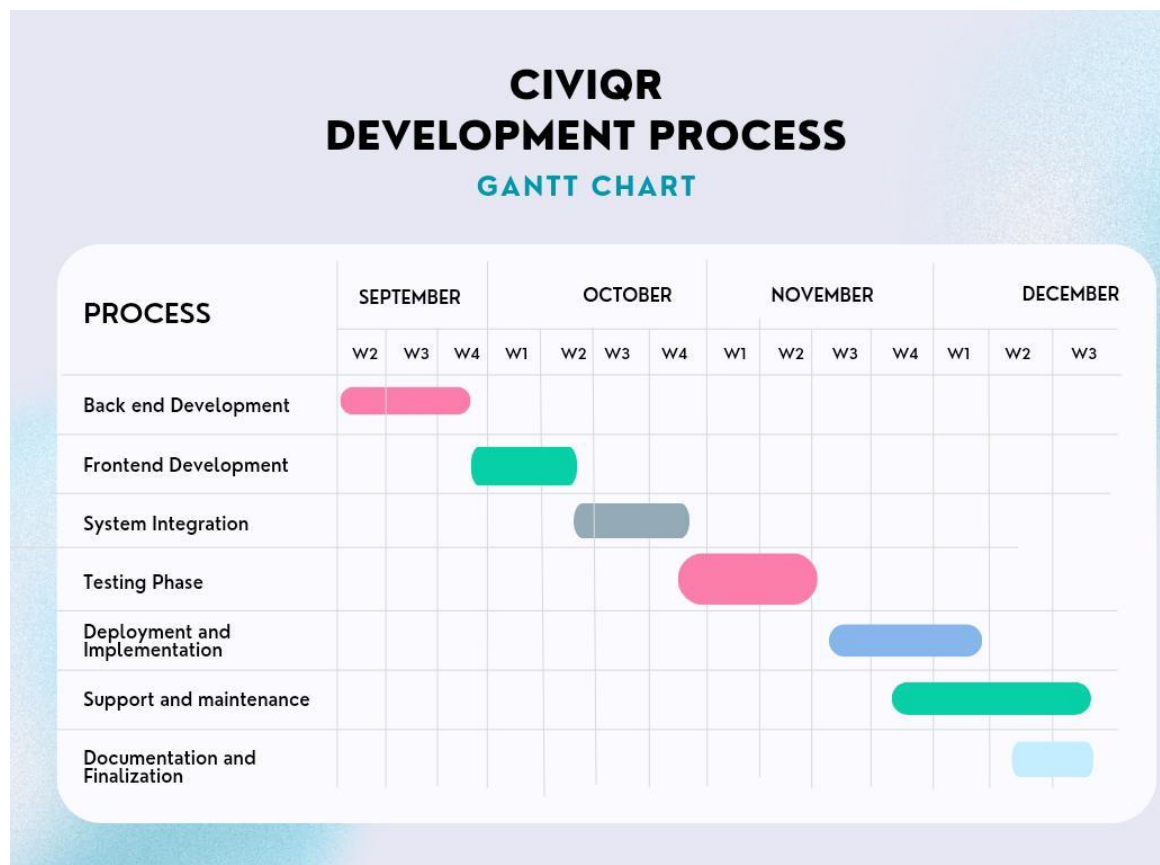




CiviQR DEVELOPMENT PROCESS (GANTT CHART)



The Gantt chart for CiviQR shows the timeline of our project from September to December. It lists the tasks we need to do, like building the backend, creating the frontend, testing, deployment, and writing the documentation. This helps us follow a clear schedule and finish our system on time.

1. Backend Development (Sept weeks 1–4)

- Database setup
 - Civil registry records
 - QR code data
 - User accounts
- API development for QR generation and document retrieval.
- Security implementation (encryption, access control)

2. Frontend Development (Sept week 4–week 2 of Oct)

- User interface for staff
 - Uploading Documents
 - Managing Documents
 - Searching Documents
- Interface for QR scan and retrieval.
- Integration of frontend with backend APIs.

3. System Integration (Oct Weeks 2–4)

- Connect modules
 - QR scanning
 - Document Retrieval



- Document storage
 - Ensure compatibility across devices (desktop, scanner/mobile if needed).
 - Debugging and refinement
- 4. Testing Phase (Oct week 4– week 2 of Nov)**
 - Unit testing of backend and frontend modules.
 - Functionality testing (document upload, retrieval, search, QR validity).
 - Security testing (data privacy, restricted access).
 - User Acceptance Testing (with LCRO staff).
 - 5. Deployment & Implementation (Nov week 3–week 1 of Dec)**
 - System installation in Local Civil Registry Office
 - Training LCRO staff on how to use the system.
 - Initial pilot run with real data from the LCRO.
 - Collect feedback and apply fixes.
 - 6. Support and Maintenance (Nov week 4- week 3 of Dec)**
 - Review and fix bugs and errors found.
 - Improve speed and performance (if possible).
 - Update features (if needed).
 - Ensure the systems reliability as much as possible.
 - 7. Documentation & Finalization (Dec weeks 2-3)**
 - Documentation write-up (results, analysis, conclusion)
 - System manual and user guide