**Project Development Phase**

**Performance Test**

| Date | 13 May 2023 |
| --- | --- |
| Team ID | PBL-NT-GP-5215-1680777299 |
| Project Name | Smart billing system for water suppliers |

**Performance Testing:**

Project team shall fill the following information in the performance testing template.

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Form Validation | Login form, registration form and all other forms validation | For larger organisations in particular, there is a need to continually audit charges and validate bills to ensure you are only paying for what your business actually uses. |
|  | Project Flow | Redirections | Water Billing System is an automated system that was based on paying water bills. ... This system can manage transaction such as creating an invoice and paying the bills of customers. It will track all the records of the customer if they have paid on the due date or not |
| 3. | API Testing/Validation | Testing API | * Validation testing. ... * Functional testing. ... * Load testing. ... * Reliability testing. ... |
| 4. | Database Schema Validation | Validating inputs as per schema | Schema validation lets you create validation rules for your fields, such as allowed data types and value ranges. MongoDB uses a flexible schema model, which means that documents in a collection do not need to have the same fields or data types by default. |
| 5. | Application performance testing using online tool (GTmetrix) |  | Designing parts and choosing the optimal TECHNYL® engineered polyamide solution is just the first step in bringing your innovative new products to market. Real-world performance after delivery is what really matters, not only for commercial success and your company’s reputation as a supplier, but also for consumer satisfaction and safety. |