Testing for SCRUM-17 - Customer: Creating Profile with Personal Information

Task Name: SCRUM-70 – Testing and validation

**Description**

Początek formularza

**Target of the Task:**  
To ensure the implemented database schema and functionality operate correctly and efficiently. This involves testing data insertion, retrieval, updates, validating constraints, relationships, and security like password hashing.

Dół formularza

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| **Step Action** | Expected Results | Outcome |
| Insert sample customer data into the database and ensure all fields accept valid inputs. | Correct input data is successfully saved in the database, after successful completion, the message ***Account created Successfully*.** | Verified and passed. |
| Test for invalid data like duplicate emails or incorrect formats to confirm constraints are working correctly. | Constraints prevent duplicate, the messages shown below appear:  ***Username already in use.*** | Verified and passed. |
| Verify CRUD operations for customer profiles. | Create, read, update, and delete operations function as expected. | Verified and passed. |
| Ensure property preferences are stored and retrieved accurately. | Preferences are correctly stored and retrieved. | Verified and not passed, unable to add preferences while registering. |
| Validate any relationships between tables like foreign keys for preferences. | Table relationships and foreign keys function properly. | Verified and passed. |
| Confirm that passwords are hashed before storage. | Passwords are securely hashed. | Verified and passed. |
| Ensure sensitive data like email or phone is handled securely. | Sensitive data is encrypted and securely stored. | Verified and not passed, data is not encrypted. |
| Validate that meaningful error messages are returned for invalid or failed operations. | System returns clear and meaningful error message | Verified and passed. |

**Conclusion**

The process of creating profiles with personal information has been fully validated. Data integrity, functionality and security were tested, meeting almost all specified requirements. All planned tests were executed and the system was confirmed to meet most of described standards.