Project: Scrummy 1.0
Non-Functional Requirements:

**1. Performance:**
The software must provide a responsive and efficient user experience, even when handling large datasets and high concurrent user activity.
Response times for essential operations (e.g., creating sprints, task assignment) should not exceed 2 seconds.

**2. Security:**
Data security and privacy are paramount. The software should implement robust user access controls, encryption of sensitive data, and protection against unauthorized access.
Compliance with data protection regulations (e.g., GDPR) is necessary.

**3. Usability:**
The user interface should be intuitive, making it easy for users to navigate, create, and manage tasks, sprints, and backlogs.
Customizable dashboards and user-friendly design will enhance the user experience.

**4. Reliability:**
The software must be available and reliable, minimizing downtime. It should have mechanisms in place to prevent data loss or corruption.
It should be capable of handling unexpected errors gracefully, providing meaningful error messages.

**5. Portability:**
While the initial release is for Windows, plans to extend support to web applications and other platforms (Linux and MacOS) in Scrummy 2.0 must be considered.
Ensure code is written in a platform-agnostic manner to facilitate future cross-platform compatibility.

**Technical Constraints:**

**1. Windows Support:**
The software must run on Windows 10 or higher. Compatibility with older Windows versions is not a priority.

**2. Hardware Requirements:**
As we know there will be multiple other programs running at the same time, that is why we recommend the following requirements:
Space: 5GB
RAM: 4GB and higher
CPU: 2 GHz or higher
Network:

**3. Documentation and User Manual:**
The application must come with comprehensive documentation and a user manual to assist users in understanding its features and functionalities.

**4. Multi-Language Support:**
While the initial release is in English, plans for multi-language support in Scrummy 2.0 should be considered. This will require an internationalization strategy to handle various languages.

**5. Integration with Project Management Tools:**
The software must be designed to integrate seamlessly with various project management tools, making it user-friendly for those using different platforms or tools.

**6. Scalability:**
As the number of users or data volumes increases, the software should scale efficiently to accommodate the growing demands without significant performance degradation.