The attributes of a system collectively describe major components and aspect of it. There are four main categories each of which contain a wide variety of sub-categories which describe different aspects of the system ranging all the way from user interaction to the hardware the system will run on.

Design Qualities

- Conceptual integrity:
- Maintainability:
- Reusability:

Run-time Qualities

- Reusability:
- Interoperability:
- Manageability:
- Performance:
- Reliability:
- Scalability:
- Security:

System Qualities

- Supportability:
- Testability: the system can be tested with ease as all users creating the application have access to the campus environment as well as, the wireless network connection. Creators can traverse the campus to ensure their system is operating as expected. Other students could also be asked to test the applications interface and other various features

User Qualities

- Usability: the NavUP system needs to have an easy to use interface which also caters for those who are visually impaired. The interface needs to prioritise easy to interpret directions and user friendly geographical maps which clearly indicate important locations.