UAT INITIATION AND DESIGN

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| Date | 18.November.2022 |
| Team ID | PNT2022TMID46949 |
| Project Name | Classification Of Arrhythmia By Using Deep Learning With 2-D ECG Spectral Image Representation |
| Maximum mark | 0-2 |

User Acceptance Testing (UAT), or application testing, is the final stage of any softwaredevelopment or change request lifecycle before go-live. It is the final stage of any development process to determine that the software does what it was designed to do in real-world situations.

***User Acceptance Testing (UAT), also known as beta or end-user testing, is defined as testing the software by the user or client to determine whether it can be accepted or not.***This is the final testing performed once the functional, system and regression testing are completed.

The main purpose of this testing is to validate the software against the business requirements. This validation is carried out by the end-users who are familiar with the business requirements.

Developers and functional testers are technical people who validate the software against the [functional specifications](https://www.softwaretestinghelp.com/how-to-test-software-requirements-specification-srs/). They interpret the requirements according to their knowledge and develop/test the software (here is the importance of domain knowledge).

This software is complete according to the functional specifications but there are some business requirements and processes that are known only to the end-users are either missed to communicate or misinterpreted.

This testing plays an important role in validating if all the business requirements are fulfilled or not before releasing the software for market use. The use of live data and real use cases make this testing an important part of the release cycle.