**Acme Inc.**

**Software Quality Assurance Plan**

**Prepared By: Acme Inc.**

**Prepared For: [customer]**

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Purpose

The Acme, Inc Quality Assurance Plan contains all the information, resources, and procedures to ensure that the project will correctly apply and conduct management documentation, practices and metrics, reviews, tests, and corrective actions. In addition, the plan will outline how and where problem reporting, tools, techniques, methodologies, records, training, and risk analysis will take place, be stored, and be maintained by the project.

The Acme, Inc Quality Assurance Plan will cover all software built by the project, also known as full-stack, including Front-End, Back-End, Database, and interfaces in-betweens interfaces. Acme, Inc’s Quality Assurance Plan will cover different Software Lifecycles deliverables and outline the methodologies to ensure the customer receives more than one product that is right but it the right protection.

Definitions

Front-End: The part of the program that the user sees. The Graphical user interface that users can interact with directly.

Database: A structured set of data held in a computer, especially one that is accessible in various ways.

In-betweens: The process in all types of animation, including computer-digital 2D animation. It involves generating intermediate frames between two images to give the appearance of the first image evolving smoothly into the second one.

Reference Documents

* IEEE Documents
  + 12207-2008 - ISO/IEC/IEEE International Standard - Systems and software engineering -- Software life cycle processes <https://ieeexplore-ieee-org.byui.idm.oclc.org/document/6042287>
  + "IEEE Standard for Software Quality Assurance Processes," in *IEEE Std 730-2014 (Revision of IEEE Std 730-2002)*, vol., no., pp.1-17, 13 June 2014, doi: 10.1109/IEEESTD.2014.6835311. (pages 17)
    - <https://ieeexplore-ieee-org.byui.idm.oclc.org/document/6835311>
  + "IEEE Standard for Software Quality Assurance Plans," in IEEE Std 730-2002 (Revision of IEEE Std 730-1998) , vol., no., pp.1-8, 23 Sept. 2002, doi: 10.1109/IEEESTD.2002.94130. (pages 8)
  + <https://ieeexplore-ieee-org.byui.idm.oclc.org/document/1040117>