

# 1 Agreement on Objectives

## 1.1 General discussion

Goal of an Agreement on Objectives is a common understanding about the goals and tasks of a specified work. The description of goals should be measurable.

If other parties are involved (collaboration), they must agree to the listed objectives.

## 1.2 Contents

Proceeding / strategy / plan – what will be done until the end of course?

For all teams: 2 times presenting status / result of works

## 1.3 Proceeding

For each team exists a proposal.

Please use this proposal as a start for your document.

# 2 Teams

## 2.1 Consultant Team

### Proposal

**Goal:** Creation of specification and to ensure, that the customer could accept the delivered software

#### Tasks

- Creation / updating of a specification and requirements
- Creation / updating of Business Use Cases to describe the Business Processes
- Creation / updating of Use Cases
- Set up a change management
- All activities to make an acceptance possible

#### Competence

- Specification Know How
- Modelling: Use Cases, Business Process
- Communication

#### Responsibility

- Satisfaction of the Customer
- Easy downloadable and running software is available
- Acceptance is possible
- Representation of the Customer
- Information about updated specification



## 2.2 Developer Team “Die Entwickler”

### Proposal

**Goal:** Creation of a running system

#### Tasks

- Software-Development
- Enabling of revision control, version control, source control and of a release management
- Creation of an installing procedure
- Ensuring quality (e. g. with automated test cases)
- Program description
- Creation of a Handout (pdf) for user

#### Competence

- Programming Know How
- Design Pattern, UML

#### Responsibility

- Development of good designed, extendable open source code
- Use of methods to ensure high quality
- Creation of an easy to download and use software

## 2.3 Test Team “Test me”

### Proposal

**Goal:** Documentation of defects, high test coverage, statements related to software quality

#### Tasks

- Test strategy and planning
- Test preparation: Creation of Test Cases, Test Scenarios and Test Data
- Test execution
- Establishing of a Defect Management
- Selection and use of a Defect Management Tool (bugzilla, trac)
- Selection and use of a Test Tool

#### Competence

- Specification Know how
- Testing Know how
- Data Modelling (UML, Entity-Relationship-Models)
- Communication

#### Responsibility

- Documentation of Test coverage and defects
- Helping reducing defects in the final software with intelligent testing

## 2.4 Test Automation Team “Test You!”

### Proposal



**Goal:** Efficient use of automation tools to document defects, to achieve high test coverage, and to document software quality

**Tasks**

- Test automation strategy and planning
- Collaboration with Developers concerning Unit-Testing
- Collaboration with Testing team to choose best Test Cases, and Test Scenarios
- Test Data Management
- Test preparation and Test execution
- Selection and use of a Test Automation Tool

**Competence**

- Programming Skills
- Testing Know how
- Data Handling and Data Modelling

**Responsibility**

- To automate Testing to help reducing defects in the final software with intelligent automated testing concerning
- Unit testing
- Functional testing
- Non-Functional testing

## 2.5 Quality Assurance Team “No I in team”

### Proposal

**Goal:** Assuring high quality in the project, definition and ensuring of processes

**Tasks**

- Ensuring high quality - passive and active – general
  - Definition of standards for documents, deliveries
- ...and specific in
  - Processes
  - Specification (Quality of Specification, Requirements)
  - Programming (Quality of Code)
  - Testing (Quality of Test Cases, Test Scenarios)
- Planning, defining and controlling processes
  - Offering methods
  - Description of documentation policy (standards)
  - Organizing and perform reviews
  - Definition and control of time line / milestones

**Competence**

- Know how concerning QA-methods
- Abilities to abstract
- Basic Specification, Modelling, Programming Know How
- Communication

**Responsibility**

- Defining and ensuring of quality standards in the project
- Ensuring that processes work fine

