Chapter 1

Requirements

The requirements are categorized according to the FURPS+ model.

1.1 Functional requirements

Identifier	Requirement summary
Features	
FR 1.1	The system must allow users to vote.
FR 1.2	The system must allow eligible users to configure an election prior to the start of it.
FR 1.3	The system must allow eligible users to start and stop an election.
FR 1.4	The system must allow eligible users to obtain the result of an election.
Interoperability	
FR 2.1	The system must be written in a widely used language.
FR 2.2	All system modules require Jolie to run.
Extendability	
FR 3.1	Each system module must be replaceable without changing the other modules.
FR 3.2	System modules must communicate across well defined interfaces.
Composability	
FR 4.1	All communication between system modules must be verifiable.
Manageability	
FR 5.1	The system must be administrated by a set of authorities.
Maintainability	
FR 6.1	The system source code must be well commented and documented.
Security	
FR 7.1	The system must take measures to ensure that ones ballot is always anonymous.