Documents required:

Software requirement:

shall - must do, an absolute requirement

should - will do, recommended to have

would - good to have

Software design:

principles: KISS (keep it simple, stupid); open source packages (to use and to become)

Software process:

revision control: use svn (centralized) or git (distributed version control system)

isse tracking

software release and deployment

Software testing:

Software user manual, program APIs, and sample clients (Web and program):