

The main purpose of the software developed for this thesis is to be adaptable to ships already in operation. It also has to be intuitive, easy to use and complete.

As any project, a solid build begins with research, anticipation and reasoning. Therefore, the web developing did not start directly. A consequent lapse of time was spent for choices as the directions to be taken, the order of setting up different parts and planning.

The development was organized depending on the difficulties, in order to learn web programming along the project itself. Adaptation has also been necessary towards the dependencies that exist between the different parts.

After a brief familiarization with the graphic aspect, the development of the logbook part started. This was followed by the maintenance and spare parts / stock inventory parts which are interdependent.

Peripheral parts such as menus, users and cookie management have been implemented in parallel of the core build. The development was completed with the index page which entirely depends on all the parts created beforehand.

The software is thus finished, ready to be installed on a ship and to be used.