

## Stage weken voor de opleiding Master Informatica

**Titel:** Development of a web application for creating roadmaps

**Gegevens bedrijf:**

Naam: Barco

Tel:

Contactpersoon: Stages

mailadres: [stages@barco.com](mailto:stages@barco.com)

Adres waar de student zal werken:

### Korte of lange stage: **4 weken / 6 weken**

### Korte beschrijving van de opdracht:

Barco Healthcare is an innovative and dynamic organization that is very active on the market of medical displays. Developing high quality and advanced medical displays requires the effort of an extensive team, including roles as product management, service engineers, R&D and sales people. All these people have to discuss and align on the future generation of products and to set the priorities. This is very important because as in every company resources are limited and have to be assigned carefully.

An important mean to have this discussion are the roadmaps. These roadmaps exist on 5 different levels. The top level exists of a market roadmap that indicates the existing and new markets and needs popping up in the market. These needs are translated in products on the 2<sup>nd</sup> level, the product roadmap. To be able to realize these products it is often required to invest in new technologies. The required technologies are indicated on the third level, the technology roadmap. Of course not only product requirements and technologies are involved in the realization of a new product. On the fourth level it is all about the people you need to develop, sell and service your products and the fifth and final level is the roadmap about new procedures you potentially need to install in the company.

Because a lot of parties are involved, it is not evident to align all these roadmaps. Also sharing of the information is problematic. For that purpose Barco would like to develop a roadmap tool. The tool has to be a web based application so that sharing between and working with multiple parties does not pose a problem. The intern will be responsible in developing a web application that enables making in a simply way roadmaps. The roadmaps can be linked to each other and it must be able to add annotations to the roadmap. The requirements for the tool are discussed with the necessary stakeholders.

### Technologieën die aan bod zullen komen:

- Knowledge of web front-end development
- Knowledge of designing user interaction is a plus