2.2.3 Output

- Display a path between two places using the Map Component

  After the user has specified a start and end point, the calculated route is shown on the map. The route will be clearly visualized and easy to understand.

- Textbased route output

  Show a written form of the route. E.g., "Go 100m. Turn right. Go 25 m. You reached your destination. "

2.3 Mandatory Criteria – Administration Tool

- Create, open or save a map

  It is possible to open and save a map of the campus or of a building and its underlying graph.

- Exchange the background image of the map
- Create and remove buildings, vertices and edges
- Edit information tags attached to buildings, vertices and edges

  These information tags include: Links to other vertices, link to building, name, address and opening hours

  ? ?

- Add floor plans to a building – Clarify this
- Move vertices and edges on a map. (modify)
- Add entrances of a building – Maybe this is only a tag of a vertex?

What about stairs... don't you need to know that some edges represent stairs? How are you going to add them?

2.4 Facultative Criteria – Map Component

- Change route graphically by moving points/ add waypoints (see Google Maps)

Not clear what do you mean...

2.5 Facultative Criteria – Routing

2.5.1 Filtering

By filtering nodes and edges, we can restrict our graph to a subgraph of it (e.g. use no edges tagged with "contains stairs", use only vertices with valid opening hours). This will allow the following additional modes: ↳ Until now I do not see how you store that an edge represent stairs...

- Search for multiple places (i.e. restrooms)
- Search for the nearest restroom/ cycle stand/ coffee machine
- Routing for wheelchair users
- Routing for cyclists

The same?

- Find the nearest exit inside a building
- Search only inside a building (Why this is different from global search, What will happen if you do not implement this feature and a user enters two points in the same building?)

  It is possible to search for routes within certain buildings only.

- Search for points of interest

  Which?