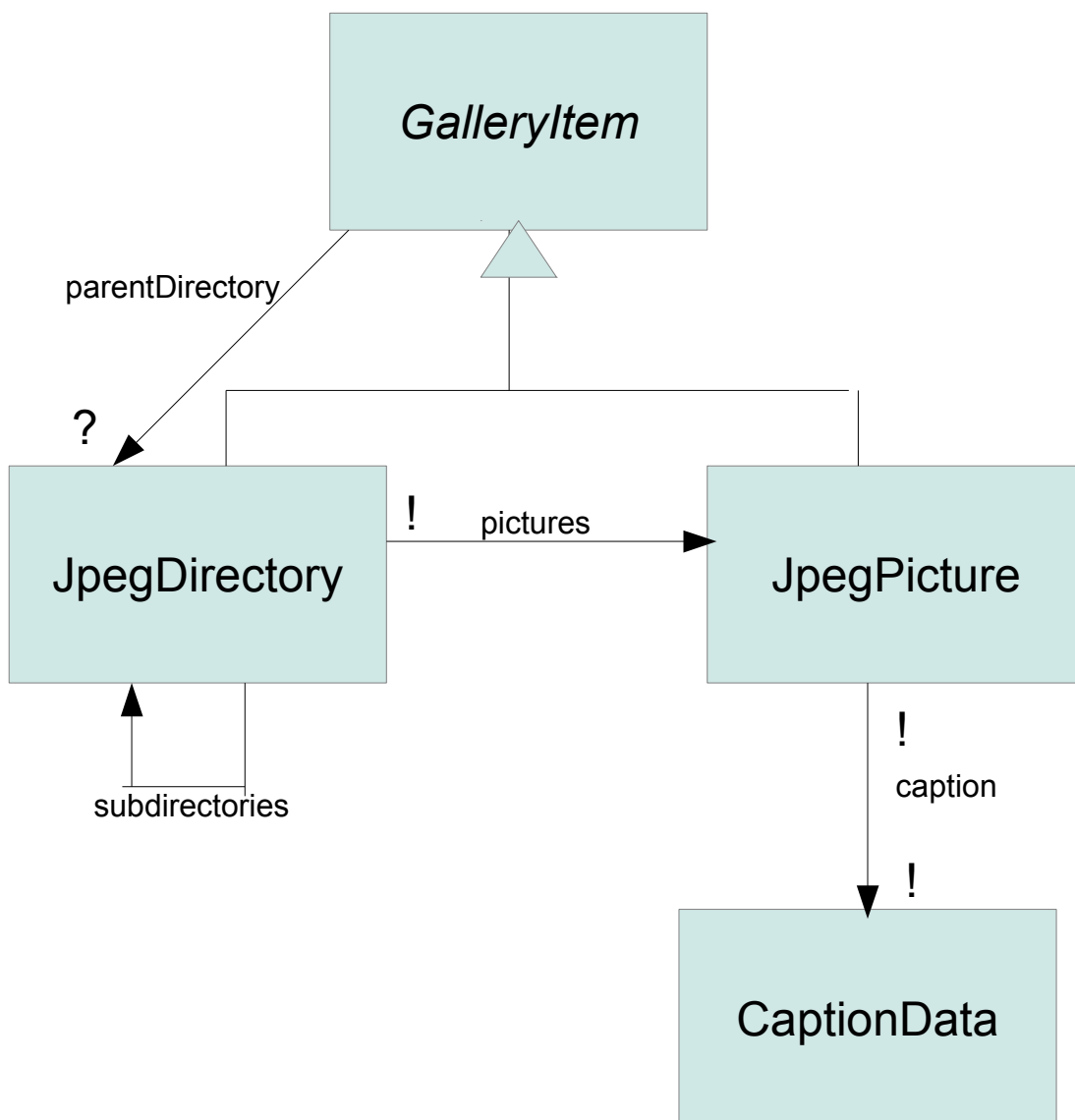


Object Model of the Generated Website



Ambiguities Found:

The assignment did not specify how nested directories should be structured. It was decided to display the directory structure (as it existed on the filesystem) unchanged on the website, with each directory having links to its subdirectories as well as links to detail pages for JpegPictures, and each GalleryItem having a link to its parent directory (if it exists). A full justification of this decision can be found in the functional specification.

Complexities Ignored:

The existence of non-JPEG files in the input directory was ignored; they are simply not copied over to the output directory.

Also, while the website is presented as if it were heirarchical, the actual HTML files all live in one flat directory. This is just an implementation detail used to simplify link generation – the object model focuses on the interface that the website presents to end-viewers.

Designations:

“GalleryItem” is an abstract set referring to any entity found that can be displayed on the website. An analogue would be Unix's design decision to treat every entity as a file.

“JpegDirectory” is a parallel for directories in the filesystem. They are displayed as pages that show all the pictures in the directory, as well as links to subdirectories.

“JpegPicture” refers to a JPEG image in the input directory. Each picture has its own page which displays only that picture, along with caption data about it.