# Report Final Assignment

Student information

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Approach

<*Geef aan hoe jullie de opdracht hebben aangepakt en wie wat heeft gedaan, maximaal 1 A-4. Geef expliciet aandacht aan de volgorde van activiteiten*>

***Scenario 3, Interactive Navigation***

## Assignment 1: Problem analysis

Jabberpoint is a simple slide show application that can read a slide show from a source allows the user to navigate through the slides and can save the state of the running slide show to the source again.

This problem analysis is split in two parts: The first parts focuses on the identification of the concepts, the entities. The latter part will elaborate on the behavior of those concepts.

### Concepts

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *slide show*  *head, title, theme*  *slide*  *thread*  *slide item*  *action, navigation*  *current slide*  *absolute, relative navigation action* | The main concept is the **slide show**. A slide show is a presentation of a series of slides (still images) on the screen, in a *prearranged sequence*. A slide show consists of the following parts:   * A **head**, which consists of a **title** and a **possible theme** (ask for clarification) * A list of **slides**. There must be *at least one slide* present (ask for clarification) in the slide show. Slides in a slide show have a prearranged order (first slide will have sequence no. 1 and the last slide sequence no. n) * A list of **threads** (ask for clarification).   A slide contains a number of **slide items**, which are items that are displayed on the slide. Slide items are displayed one after the other in a predefined order. The user will not have control over when or how the slide items are displayed.  An important aspect of this assignment is the concept of “action”. The first type of **action** is the **navigation** action. This result of this action is a change of the **current** slide. The current slide in a presentation is the slide that is being displayed at a certain moment in time. The current slide is a feature that should be maintained throughout different presentation sessions and as such, should be saved upon user request. When the application starts, the current slide is determined from the source where the presentation is stored.  The following navigation actions should be supported by the application:   * Go to next slide * Go to previous slide * Go to first slide * Go to last slide * Go to slide i   Navigation actions can either be **absolute** or **relative**. A relative navigation action takes the current slide into account. An absolute navigation action does not take the current slide into account, but indicates directly the slide that should be navigated to.   |  |  |  | | --- | --- | --- | | **Type** | **Initiator** |  | | Navigation | User, by   * clicking on slide item * using menu items * using keyboard |  | |  |  |  | |  |  |  |    Behavior |

## Opdracht 2 Ontwerp

## Opdracht 3 Keuzen

## Opdracht 4 Sourcecode