School of Electronics And Computer Science

ELEC6200 MEng Group Design Project

Project Specification And Plan

Title: Interactive Web video quizzes and polls

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Project Specification: A library will be implemented which allows quizzes and polls to be overlaid on Web videos, playable in the main browsers (Firefox, IE and Chrome) on different platforms (PC, Mac and Android). These videos could be any of the main video formats (MP4, WebM, OGG). Questions will be specified in JSON files interpreted by the library. Work will be done to create an authoring tool for the system. Accessibility considerations for the overlaid videos and authoring tool will be investigated. Metrics of user behaviour will be recorded and methods of displaying these to the author explored.

Work plan: Gantt charts can be found in figures 1 and 2.

SCRUM, an Agile methodology, will be followed. This means that the work done in each Sprint will be subject to change until the end of the Sprint Planning Meeting on the Monday of each week.

The aim for the end of Sprint 3 will be to have the quiz and poll overlay complete. During the following six Sprints the authoring and analytics tools will be created in parallel.

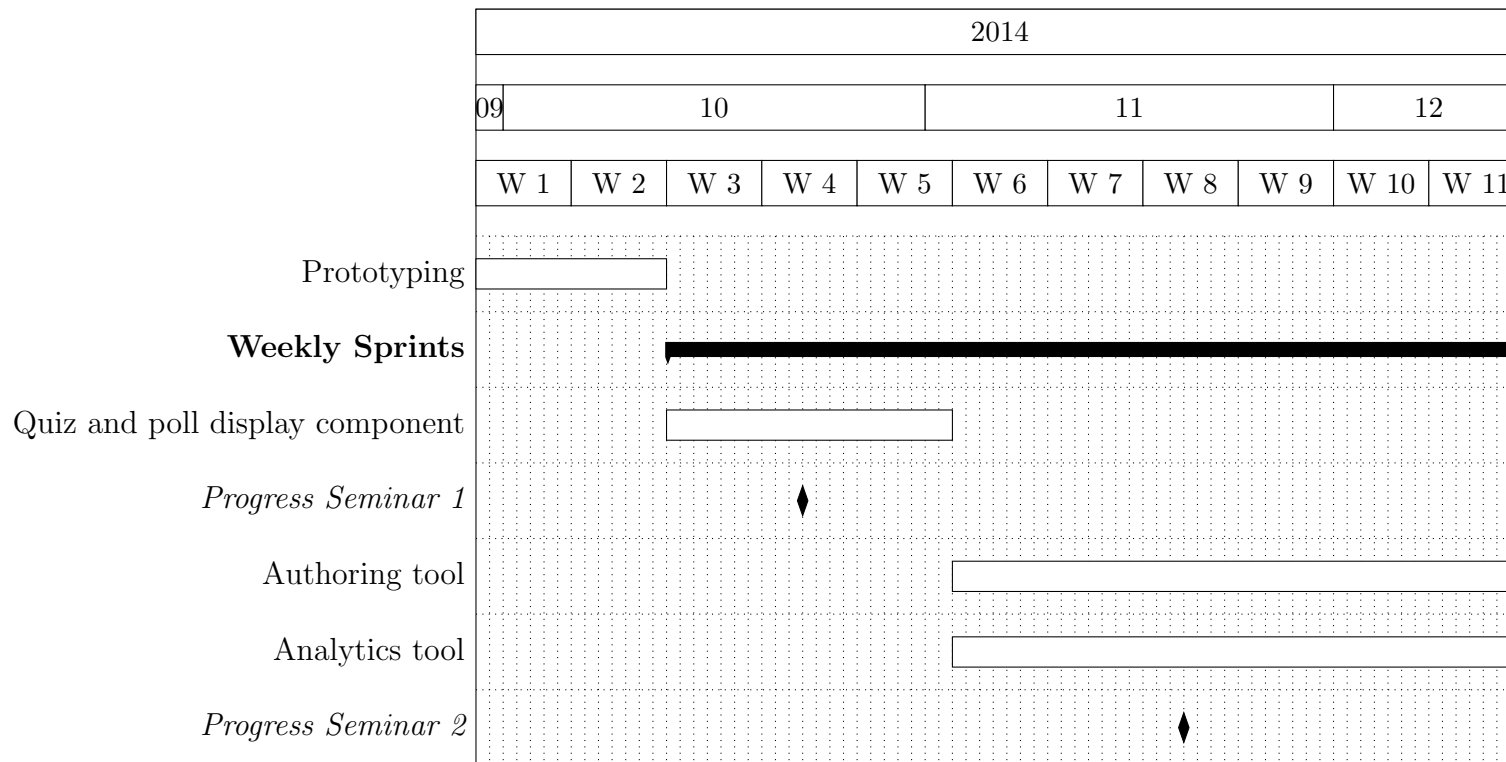Please note that each sprint contains some time in which report writing will be completed.
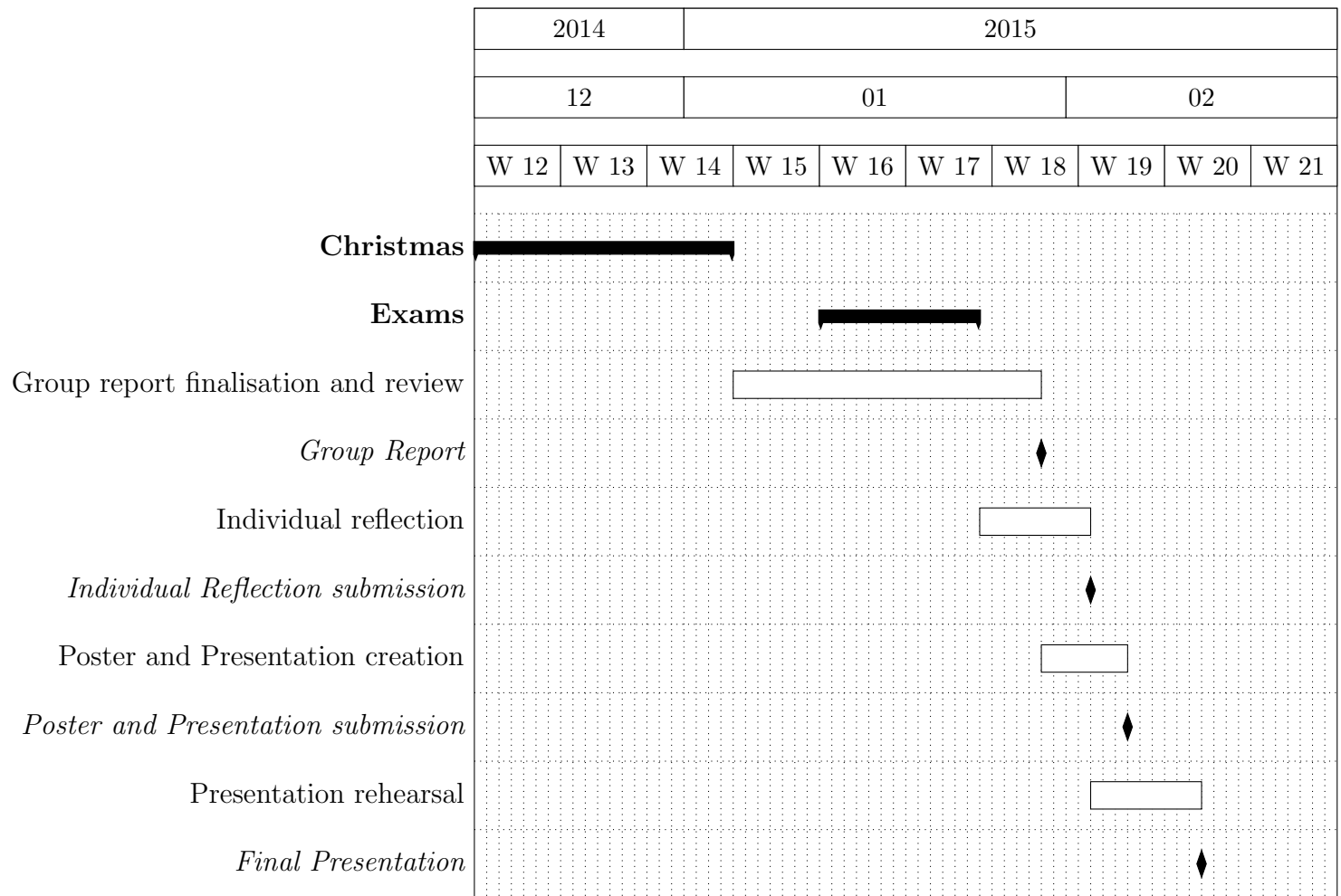
Figure 1: Gantt Chart prior to the Christmas vacation.

Figure 2: Gantt Chart after the Christmas vacation