CSCI814 IT Project Management (Lab1)

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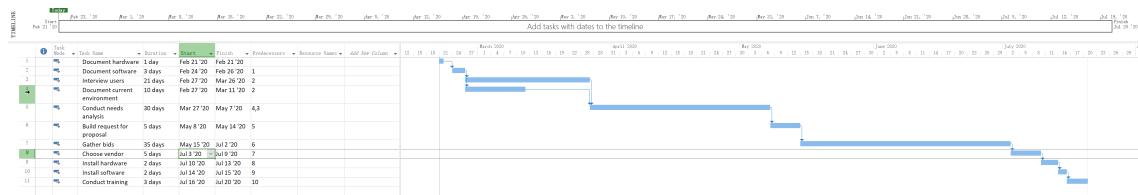Central China Normal University Wollongong Joint Institute

1 In-class exercise

Fig. 1. Gantt Chart 1

2) The former tasks are the prerequisite of the following tasks.

3) Timeline: Feb. 21 - Jul. 20, 151 days in total (considering weekends)

4) Jul. 16, The 147th day of the project

5) It won't affect the project completion date

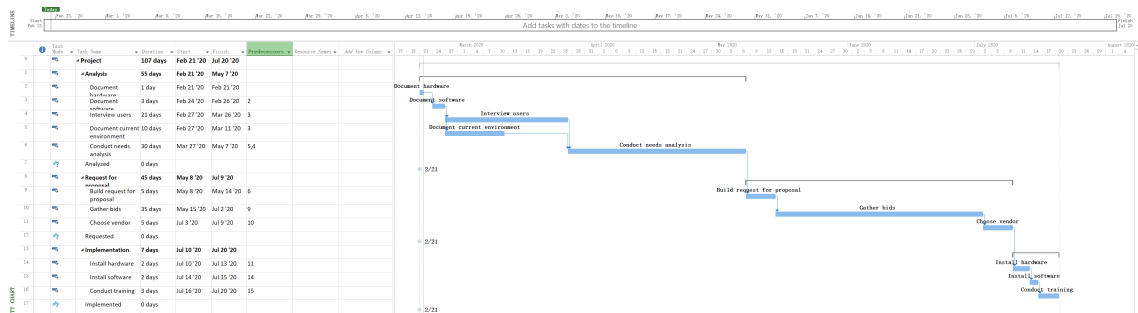6) Jul. 23, an additional weekend will be included in the timeline.

7,8,9,10)

Fig. 2. Gantt Chart 2

11) Considering Qingming Festival (Apr. 4–6), Labor Day(May 1–5) and The Dragon Boat Festival (June 25–27), the end time will delay to Jul. 28.
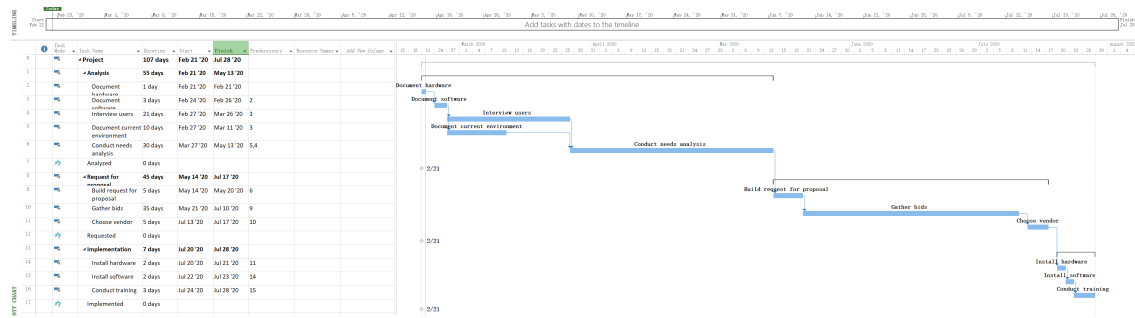
Fig. 3. Gantt Chart 2

2 Lab1

2.1 Description

The project describe the process of software product development. There are 4 phases in the procedure: Requirements analysis, Design, Development and Deployment.

Requirements analysis phase (7 days, Feb. 21-Jul. 9) contains "Communication and Documentation" and "Evaluation and Verification", When the latter one is finished, the Milestone "Requirements analysis completed" is reached.

Design analysis phase (25 days, Mar. 3-Apr. 10) contains "Design prototype" and "Design UI", When the two tasks are finished, the Milestone "Complete product design" is reached.

Development phase (40 days, Mar. 25-May 29) contains "Backend development", "Frontend development" and "Source merging and compiling". The prototype design is the prerequisite of backend development while the UI design is the prerequisite of frontend development. When frontend and backend sources are merged and compiled, the Milestone "Product development completed".

Deployment phase (26 days, May 29-Jul. 9) contains "Public Beta Testing", "Product quality inspection" and "Product Release". The former tasks are the prerequisites of the latter tasks. When the product is released, the Milestone of "Officially launched product" is reached.
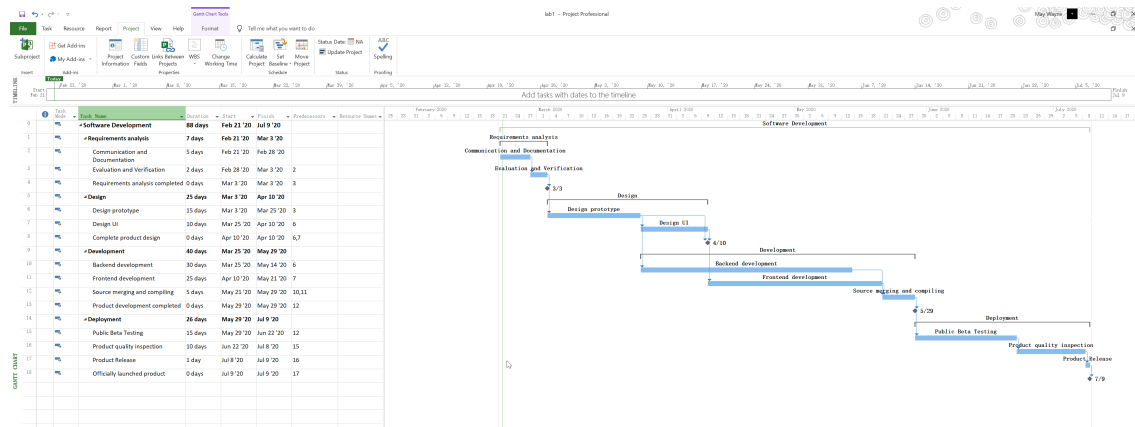

Fig. 4. Gantt Chart of Software development

2.2 Evidence of requirement 4

Chinese public holidays within the project period are introduced.

Fig. 5. Chinese public holidays

The working hours are also set to Monday to Friday 8:30am-12:pm and 1:00pm-5:00pm.

Fig. 6. Working Hours