Analysis

Project 1
Project Plan
  Write Plan:PM1
  Review Plan
  Preparation for Review:PE1,RE1,SE1,TE1
  Review Meeting: PE1,RE1,SE1,TE1,PM1
  Rework:PM1

Requirement
  Write Requirements:RE1,RE4,RE13,RE15
  Write Use Case Model: RE1,RE4,RE13,RE15
  Review Requirement/Use Case Model
  Preparation For Review: :DE1,PE1,SE1,TE1
  Review Meeting:DE1,PE1,SE1,TE1,RE1
  Rework:RE4

Analysis Document
  Write Analysis Document:SE1,SE2,SE5
  Review Analysis Documents
  Preparation for Analysis Documents:DE1,PE1,RE1,TE1
  Review Meeting: DE1,PE1,RE1,TE1,SE1
  Rework:SE1,SE2

  Design Document
  Write DD: SE1,SE2,SE5
  Review DD
  Preparaton for DD:DE1,PE1,RE1,TE1
  Review Meeting: DE1,PE1,RE1,TE1,SE1
  Rework:SE1

Coding and Unit Testing
  Write Code:PE1,PE4,PE6,PE22,PE37,PE43
  Unit Testing
  Prepare/Execute Test Case:TE1,TE25,TE34,TE49,TE51
  Fix Found Defects: PE1,PE4,PE6,PE18,PE22,PE37,PE43
  Test Fixed Defects: PE1,PE4,PE6,PE22,PE37,PE43
  Code Inspection
  Preparation for Code Inspection:PE18,PM1,RE1,SE1
  Code Inspection Meeting: PE18,PM1,RE1,SE1,PE1
  Rework:PE1,RE1,SE1,SE2,SE5,SE8

Testing
  Write Test Plan (TP):TE6,TE19,TE25,TE51
  Review TP
  Preparation for TP:DE1,PE78,RE1,SE1
  Review TP Meeting: PE1,PM1,RE1,SE1,TE6
  Rework:TE6,TE19,TE25
  Execute TP(test cases): TE1,TE25,TE34,TE49,TE51
  Fix Found Defects: PE22,PE37,PE43,PE78
  Test Fixed Defects:TE1,TE6,TE19,TE25

Documenation
  User Documentation:DE36,DE37,DE42,DE43,DE46
  Review UD
  Preparation for UD:RE4,SE12,TE1,PE18
  Review UD Meeting:DE36,PE18,PM1,RE4,SE12
  Rework:DE36,DE42,DE43,DE46

Project 2
Project Plan
  Write Plan:PM7
  Review Plan
  Preparation for Review:PE4,RE4,SE2,TE6
  Review Meeting: PE4,RE4,SE2,TE6,PM7
  Rework:PM7

Requirement
  Write Requirements:RE17,RE32
  Review Requirement/Use Case Model
  Preparation For Review: :DE36,PE4,SE2,TE6
  Review Meeting: DE36,PE4,SE2,TE6,RE17
  Rework:RE17

Lab and Environment Setup
Hardware
Install Server: PE22, PE37, PE43
Install Clients: PE22, PE37, PE43,PE78
Software
Install Development Tools: PE22, PE37, PE43,PE78
Install Testing Tool: PE22, PE37, PE43,PE78

Analysis/Design Document
  Write DD:SE8,SE12,SE13, SE47
  Review DD
  Preparation for DD: DE43,PE22,RE17,TE34

Review Meeting: DE43,PE22,RE17,TE34,SE12
Rework:SE13,SE47

Coding and Unit Test
  Write Code:PE1,PE4,PE6,PE22,PE37,PE43
  Unit Testing
  Prepare/Execute Test CaseS:TE1,TE25,TE34,TE49,TE51
  Fix Found Defects: TE19,TE25,TE34,TE49,TE51
  Test Fixed Defects: TE19,TE25,TE34,TE49,TE51
  Code Inspection
  Preparation for Code Inspection:PE18,PM7,RE4,SE12
  Code Inspection Meeting: PE18,PM7,RE4,SE12,PE1
  Rework:PE1,PE4,PE6

Testing
  Write Test Plan (TP):TE6,TE19,TE25,TE51
  Review TP
  Preparation for TP:DE1,PE78,RE1,SE1
  Review TP Meeting: PE1,PM1,RE1,SE1,TE6
  Rework:TE6,TE19,TE25
  Execute TP(test cases): TE1,TE6,TE19,TE25,TE34,TE49,TE1
  Fix Found Defects: PE22,PE37,PE43,PE78

Documenation
  User Documentation:DE36,DE37,DE42,DE43,DE46
  Review UD
  Preparation for UD:PE18, RE4, SE8,TE49
  Review UD Meeting:DE36, PE18, RE4, SE8,TE49
  Rework:DE36,DE37,DE42

The earliest finish date for project to if it started on 10/22/13 is 3/3/14.

It is feasible to complete project 2 two weeks after project 1 is finished. Since project start at 10/22/13 and finish at 3/3/14 with sharing the same resource with project 1. It is only 3 days after the finish date of project 1, so it is feasible to complete project 2 two weeks after project 1 is finished.