| Half 1, 2011 Half 2, 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--|-------------------------------|--------------------------------|--------------------------------|------------------------------------|--------------------|--------------------|------------------------------|-------------------|--------------------|--|--------------------------------|-------------------------|-------------------------|--------------------------------|--|--|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--|----------------------------|-----------------------------------|---------------------------|----------------------------------|--------------------|------------------|--------------------------------------|-------------|-------------|--------------------------------|
| Prede Resour Half 1, 2010 Half 1, 2011 Half 1, 2011 | <u>)</u> - | P1;P2 | L P1;P2 | P1;P2 | P1;P2 | ** | P1;P2 | PM | • | P1;P2 | PM | *** | L P1;P2 | P1;P2 | P1;P2;PM | Ma | | P1 | <u></u> | | Id. | Ы | P1;PM | P1;P2 | ⊀. | - | F22 | P2 | P2 | P2;PM | * | F2 | P2 | |
| Resour | | P1;P2 | P1;P2 | P1;P2 | P1;P2 | | P1;P2 | PM | | P1;P2 | PM | | P1;P2 | P1;P2 | P1;P2 | PM | | P1 | P1 | P1 | P1 | P1 | P1;PM | P1;P2 | | P2 | P2 | P2 | P2 | P2;PM | | P2 | P2 | P2 |
| Prede. | | | 2 | <u>س</u> | 4 | н | | 7 | 9 | | 10 | 6 | - | 13 | 14 | 15 | . 12 | 81 | 18 | 19 | 20 | 21 | 22 | 22 | . 12 | = | 26 | 27 | 28 | 29 | . 25 | 82 | 32 | 33 |
| Finish | 21/01/10 | 14/01/10 17. | 15/01/10 17. | 18/01/10 17. | 21/01/10 17. | 01/05/10 | 28/01/10 17. | 01/02/10 17. | 03/02/10 | 02/02/10 17. | 03/02/10 17. | 16/02/10 | 10/02/10 17. | 11/02/10 17. | 12/02/10 17 | 16/02/10 17. | 23/03/10 | 24/02/10 10. | 25/02/10 10. | 04/03/10 10. | 11/03/10 10. | 18/03/10 10. | 19/03/10 10. | 23/03/10 10 | 17/03/10 | 23/02/10 17 | 02/03/10 17 | 09/03/10 17 | 16/03/10 17 | 17/03/10 17 | 13/04/10 | 26/03/10 14 | 31/03/10 14 | 05/04/10 14. |
| Start | ÷ | 10 days 01/01/10 08 14/01/10 17 | 1 day 15/01/10 08 15/01/10 17 | 1 day 18/01/10 08 18/01/10 17 | 3 days 19/01/10 08 21/01/10 17 | 22/01/10 | 5 days 22/01/10 08 | 2 days 29/01/10 08 | days 02/02/10 | 1 day 02/02/10 08 | 03/02/10 08 | 04/02/10 | 5 days 04/02/10 08 10/02/10 17 | 11/02/10 08 11/02/10 17 | 12/02/10 08 | 2 days 15/02/10 08 16/02/10 17 | 24 days 17/02/10 | 5 days 17/02/10 10 24/02/10 10 | 1 day 24/02/10 10 25/02/10 10 | 5 days 25/02/10 10 04/03/10 10 | 5 days 04/03/10 10 11/03/10 10 | 5 days 11/03/10 10 18/03/10 10 | 1 day 18/03/10 10 19/03/10 10 | 3 days 18/03/10 10 | 17/02/10 | days 17/02/10 08 | days 24/02/10 08 | days 03/03/10 08 | days 10/03/10 08 | 17/03/10 08 | 23/03/10 | 23/03/10 14 | 26/03/10 14 | 3 days 31/03/10 14 05/04/10 14 |
| Duration | 15 days 01/01/10 | 10 days 0 | 1 day 1 | 1 day 1 | 3 days | 7 days | 5 days 2 | 2 days 2 | 2 days | 1 day 0 | 1 day | 9 days | 5 days | 1 day 1 | 1 day 1 | 2 days 1 | 24 days 1 | 5 days 1 | 1 day 2 | 5 days 2 | 5 days | 5 days 1 | 1 day 1 | 3 days 1 | 21 days 1 | 5 days 1 | 5 days 2 | 5 days | 5 days | 1 day 1 | 15 days 2 | 3 days 2 | 3 days 2 | 3 davs 3 |
| Name | EStart-up | Mantid Familiarisation and Project Team St | Start-Up meeting | Set up Development Environment | Requirements meetings | ⊟User Requirements Document | Write | Review and release | ⊟Acceptance Test Plan | Write | Review and release | ⊡Software Requirements Document | Write | Cross Reference | Internal project review | Review and release | ■Visualization Prototype investigations | Prepare sample visualization datasets5 | Documentselection criteria | Evaluate MayaVi | Evaluate ParaView | Evaluate Visit | Present selection | Server farm test of selected candidate | Grid Investigations | Investigate Internal server farms | Investigate Grid/TeraGrid | Investigate job submission tools | Deploy sample jobs | Present findings | ☐Third party software investigations | CASTEP | McPhase | GULP |
| | П | 2 | 3 | 4 | 2 | 9 | 7 | œ | 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 59 | 30 | 31 | 32 | 33 | 34 |

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| Half 1, 2010 Half 2, 2010 Half 1, 2011 Half 2, 2011 | Francisco de la companya della companya della companya de la companya de la companya della compa | P2;PM | | Id La | F1 | PM | PI PI | * | P2 | ₩ P2 | Ma ∭ | P2 | ** | P1 | <u> </u> | | P1 | PI | I.a. | 14 | I bi | ы | II A | H — | | P2 | | 25 | P22 | | | I I | P2 | PI;P2 |
|---|--|-------------------|------------------------------|---------------------|------------------------|--------------------|------------------------|------------------|-------------|------------------------|--------------------|------------------------|---------------------------|---------------------------|-------------------|---------------------------------|------------------------|--------------------------------|---|------------------------------|---------------------|--------------------|-----------------------------|-------------------|---------------------------------|--------------------------------|-----------------------|--------------------|-----------------------------|-------------------|------------------------|--------------------------------------|----------------------------------|-----------------------------|
| Prede Resour | P2 | P2;PM | | P1 | P1 | ЬМ | P1 | | P2 | P2 | PM | P2 | | P1 | P1 | | P1 | P1 | P1 | P1 | P1 | P1 | P1 | P1 | | P2 | P2 | P2 | P2 | P2 | | P1 | P2 | P1;P2 |
| Finish Prede | 12/04/10 14 34 | 13/04/10 14 35 | 09/04/10 17 | 06/04/10 14 82 | 07/04/10 14 38 | 09/04/10 14 39 | 08/04/10 14 38 | 30/04/10 31 | 27/04/10 14 | 28/04/10 14 43 | 30/04/10 14 44 | 29/04/10 14 43 | 13/04/10 37 | 12/04/10 14 | 13/04/10 14 48 | 30/06/10 37 | 14/05/10 17 83 | 19/05/10 17 51 | 26/05/10 17 52 | 09/06/10 17 53 | 23/06/10 17 54 | 25/06/10 17 55 | 29/06/10 17 56 | 30/06/10 17 57 | 11/06/10 42 | 21/05/10 17 83 | 04/06/10 17 60 | 08/06/10 17 61 | 10/06/10 17 62 | 11/06/10 17 63 | 26/01/11 50;59 | 11/08/10 17 | 11/08/10 17 | 22/09/10 17 66;67 |
| Start | 5 days 05/04/10 14 | 1 day 12/04/10 14 | 13 days 23/03/10 | 10 days 23/03/10 14 | 1 day 06/04/10 14 | 2 days 07/04/10 14 | 2 days 06/04/10 14 | 13/04/10 | 13/04/10 14 | 27/04/10 14 | 28/04/10 14 | 27/04/10 14 | 2 days 09/04/10 | 09/04/10 14 | 12/04/10 14 | : | 10 days 03/05/10 08 | 3 days 17/05/10 08 | 5 days 20/05/10 08 | 10 days 27/05/10 08 | 10 days 10/06/10 08 | 2 days 24/06/10 08 | 2 days 28/06/10 08 | 1 day 30/06/10 08 | 30 days 03/05/10 | 15 days 03/05/10 08 | 10 days 24/05/10 08 | 2 days 07/06/10 08 | 2 days 09/06/10 08 | 11/06/10 08 | 01/0/10 | 30 days 01/07/10 08 | 30 days 01/07/10 08 | 30 days 12/08/10 08 |
| Duration | 5 days 0 | 1 day 1 | 13 days 2 | 10 days 2 | 1 day 0 | 2 days 0 | 2 days 0 | 13 days 1 | 10 days | 1 day 2 | 2 days 2 | 2 days 2 | 2 days 0 | 1 day 0 | 1 day 1. | 43 days 03/05/10 | 10 days 0 | 3 days 1 | 5 days 2 | 10 days 2 | 10 days | 2 days 2 | 2 days 2 | 1 day 3 | 30 days 0 | 15 days 0 | 10 days 2· | 2 days 0 | 2 days 0 | 1 day 1 | 150 days 0 | 30 days 0 | 30 days 0 | 30 days 1. |
| Name | Generic interface | Present findings | ⊡Visualization design | Write | Cross reference to SRD | Review and release | Write System Test Plan | ⊟Analysis Design | Write | Cross reference to SRD | Review and release | Write System Test Plan | ☐Development & Test setup | Setup client test machine | Setup test server | ⊡Visualization Prototype | Develop data structure | Develop data conversion script | Develop required algorithms for prototype | Develop visualization widget | Implement slicing | Run System Tests | Write up Prototype Findings | Present Prototype | ☐Distributed Analysis Prototype | Develop prototype analysis job | Job submission system | Run System Tests | Write up Prototype Findings | Present Prototype | ☐Develop first Release | Iteration 1 Viualisation refactoring | Iteration 1 Analysis Refactoring | Iteration 2 Directed by SSC |
| <u> </u> | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 20 | 51 | 52 | 53 | 54 | 55 | 26 | 22 | 28 | 29 | 09 | 61 | 62 | 63 | 64 | 65 | 99 | 29 | 89 |

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| Prede Resour Half 1, 2010 Half 2, 2010 Half 1, 2011 Half 2, 2011 1 F M M J A S O N D J F M A S O N D J F M A S O N D D J F M A S O N D | P1;P2 | P1;P2 | F1;P2 | | Pi,P2 | P1;P2 | F1;P2 | P1;P2 | P1;P2 | F1;P2 | | |
|--|------------------------------------|------------------------------------|---|---------------------------------|---------------------------------|------------------------------------|------------------------------------|------------------------------------|--|------------------------------------|--|--|
| Resour | P1;P2 | P1;P2 | P1;P2 | | P1;P2 | P1;P2 | P1;P2 | P1;P2 | P1;P2 | P1;P2 | P1;P2 | |
| Prede | 89 | 69 | 22 | 17 | | 73 | 74 | 75 | 9/ | 11 | 78 | |
| Finish | 03/11/10 17 | 15/12/10 17 | 26/01/11 17 | 16/11/11 | 09/03/11 17 | 20/04/11 17 | 01/06/11 17 | 13/07/11 17 | 24/08/11 17 | 05/10/11 17 | 16/11/11 17 | 17/11/11 |
| Start | 30 days 23/09/10 08 03/11/10 17 68 | 30 days 04/11/10 08 15/12/10 17 69 | 30 days 16/12/10 08 26/01/11 17 70 | 210 days 27/01/11 16/11/11 71 | 30 days 27/01/11 08 09/03/11 17 | 30 days 10/03/11 08 20/04/11 17 73 | 30 days 21/04/11 08 01/06/11 17 74 | 30 days 02/06/11 08 13/07/11 17 75 | 30 days 14/07/11 08 24/08/11 17 76 | 30 days 25/08/11 08 05/10/11 17 77 | 30 days 06/10/11 08 16/11/11 17 78 | 17/02/10 |
| Duration | 30 days | 30 days | 30 days | 210 days | 30 days | 30 days | 30 days | 30 days | 30 days | 30 days | 30 days | 456.333 da |
| Name | Iteration 3 Directed by SSC | Iteration 4 Directed by SSC | Iteration 5 - Testing, Finalization of releas | ⊡ Develop second release | Iteration 6 Refactoring | Iteration 7 Directed by SSC | Iteration 8 Directed by SSC | Iteration 9 Directed by SSC | Iteration 10 Directed by SSC | Iteration 11 Directed by SSC | Iteration 12 Testing, Finalization of releas | EScientific Steering Committee Meetings 456.333 da 17/02/10 17/11/11 |
| | | | | | | | | | | | | |
| | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 9/ | 77 | 78 | 79 | 80 |