# Project Milestones

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| --- | --- |
| Date | Artifact |
|  | 1. Trainee |
|  | * 1. User Tutorial |
| 2013+ | * + 1. Voiceover |
| 2013+ | * + 1. Update to Maya? |
|  | * 1. Login |
| Fall 2008 | * + 1. Main browser login message |
| Fall 2008 | * + 1. User Login |
| Fall 2008 | * + 1. Position Login |
| Fall 2008 | * + - 1. Select Role to Be |
| Spring 2009 | * + - 1. Select Script to Use for Exercise |
|  | * 1. Common Operating Picture |
| Fall 2009 | * + 1. Starting Status |
| Fall 2009 | * + - 1. Check Starting Status |
| Fall 2010 | * + - 1. Create ability to have multiple starting statuses |
| Spring 2010 | * + 1. Exercise Background |
| Fall 2010 | * + - 1. View Player Handbook |
| Spring 2009 | * + - 1. View EOC Floor Plan |
| 2013+ | * + - * 1. Update to interactive floor plan |
| Summer 2010 | * + 1. Road Closures |
| Summer 2010 | * + - 1. Check Status of Road Closures |
| Summer 2010 | * + - 1. Create Status of Road Closures |
| Summer 2010 | * + - 1. Edit/Update status of Road Closures |
| 2013+ | * + - 1. Dynamic status updates |
| Summer 2010 | * + 1. Shelters |
| Summer 2010 | * + - 1. Check Status of Shelters |
| Summer 2010 | * + - 1. Create Status of Shelters |
| Summer 2010 | * + - 1. Edit/Update status of Shelters |
| 2013+ | * + - 1. Dynamic status updates |
| Summer 2010 | * + 1. Hospitals |
| Summer 2010 | * + - 1. Check Status of Hospitals |
| Summer 2010 | * + - 1. Create Status of Hospitals |
| Summer 2010 | * + - 1. Edit/Update status of Hospitals |
| 2013+ | * + - 1. Dynamic status updates |
| Summer 2010 | * + 1. Points of Distribution (PODs) |
| Summer 2010 | * + - 1. Check Status of PODs |
| Summer 2010 | * + - 1. Create Status of PODs |
| Summer 2010 | * + - 1. Edit/Update status of PODs |
| 2013+ | * + - 1. Dynamic status updates |
| Fall 2010 | * + 1. Disaster Map |
| Fall 2010 | * + - 1. View the Disaster Map |
| Fall 2010 | * + - 1. Edit/Update Disaster Map |
| Fall 2010 | * + - 1. Clear Disaster Map |
| Fall 2010 | * + - 1. Save Disaster Map |
| 2013+ | * + - 1. Tag GIS information on Map |
| 2013+ | * + - 1. Dynamically update GIS information on the map |
|  | * 1. Mission/Tasks |
| Summer 2010 | * + 1. Create a Mission/Task |
| Summer 2010 | * + 1. Edit/Update Mission/Task |
| Summer 2010 | * + 1. Delete Mission/Task |
| 2013+ | * + 1. Dynamic status updates |
|  | * 1. Resource Requests |
| Summer 2010 | * + 1. Submit a Resource Request |
| 2013+ | * + - 1. Add standardized FEMA resource typing |
| Summer 2010 | * + 1. Edit/Update a Resource Request |
| Summer 2010 | * + 1. Delete a Resource Request |
| Summer 2010 | * + 1. Check the status of a Resource Request |
| 2013+ | * + 1. Dynamic status updates |
|  | * 1. Significant Events |
| Summer 2010 | * + 1. Post a Significant Event |
| Summer 2010 | * + 1. Edit a Significant Event |
| Summer 2010 | * + 1. Delete a Significant Event |
| 2013+ | * + 1. Dynamic status updates |
|  | * 1. Position Log |
| Summer 2010 | * + 1. Post a Position Log |
| Summer 2010 | * + 1. Edit a Position Log |
| Summer 2010 | * + 1. Delete a Position Log |
|  | * 1. Logistics |
| Fall 2010 | * + 1. Acquire a Contract Resource |
| Fall 2010 | * + - 1. In-house |
| Fall 2010 | * + - 1. Out-house |
| 2013+ | * + - * 1. Log to EM Constellation |
| 2013+ | * + - 1. Dynamic status updates |
| Summer 2010 | * + 1. Approve a Resource Request |
| Summer 2010 | * + - 1. Update a Resource Request |
| Summer 2010 | * + - * 1. Change the status of resource request |
| Fall 2010 | * + - * 1. Add notes section to resource request updates |
|  | * 1. Planning |
| Fall 2010 | * + 1. Create Incident Action Plans |
| Fall 2010 | * + 1. Edit Incident Action Plans |
| 2013+ | * + 1. Delete Incident Action Plans |
|  | * 1. Disaster Assistant |
| Fall 2010 | * + 1. Ask a Question to the Disaster Assistant |
| 2013+ | * + 1. Update disaster assistant? |
|  | * 1. Dashboards |
| Fall 2010 | * + 1. Lives Saved, Injured, Deceased |
| Fall 2010 | * + - 1. Add dashboard data |
| Fall 2010 | * + - 1. Update dashboard data |
| Fall 2010 | * + - 1. Delete dashboard data |
| Fall 2010 | * + 1. Cost to county |
| Fall 2010 | * + - 1. Add dashboard data |
| Fall 2010 | * + - 1. Update dashboard data |
| Fall 2010 | * + - 1. Delete dashboard data |
| Fall 2010 | * + 1. View a dashboard |
|  | * 1. Injects |
| Fall 2009 | * + 1. Acknowledge inject |
| Fall 2009 | * + 1. Clarify an inject |
| Spring 2010 | * + 1. Respond to Injects |
| Fall 2009 | * + 1. Review Received Injects |
| Spring 2011 | * + 1. Log injects |
|  | * 1. Chat |
| Fall 2009 | * + 1. Initiate Chat |
| Fall 2009 | * + 1. End Chat |
| Fall 2009 | * + 1. Receive Chat |
| Fall 2009 | * + 1. Accept Chat |
| Fall 2009 | * + 1. Reject Chat |
|  | * 1. Logout |
| Fall 2009 | * + 1. Release trainee role |
|  | * 1. Create Help files |
| 2013+ | * + 1. Find/use automatic help file creator |
|  | * 1. Logging |
| Spring 2011 | * + 1. Log chats |
| Spring 2011 | * + 1. Log significant events |
| Spring 2011 | * + 1. Log user actions during the exercise |
| Spring 2011 | * + - 1. log user response to injects |
| Spring 2011 | * + 1. log position logs |
|  | * 1. Loose Ends |
| Fall 2010 | * + 1. Add validation controls to interfaces |
| 2013+ | * + 1. Update Chat program? |
|  | * 1. Logout |
| 2013+ | * + 1. Automatic logout if time expires |
| 2013+ | * + 1. Automatic logout if user closes windows without logging out |
|  |  |
|  | 1. Exercise Developer |
|  | * 1. Login |
| Fall 2009 | * + 1. Main browser login message |
| 2013+ | * 1. User Tutorial |
| Fall 2010 | * 1. Handbook Developer |
| Fall 2010 | * + 1. Update the handbook developer |
| Fall 2010 | * + 1. Add figures to handbook developer |
| Fall 2010 | * 1. Starting Status |
| Fall 2010 | * + 1. Create starting status |
| Fall 2010 | * + - 1. Update starting status |
| Fall 2010 | * + - * 1. Text |
| Fall 2010 | Insert text |
| Fall 2010 | Update text |
| Fall 2010 | * + - * 1. Figures |
| Fall 2010 | Insert figure |
| Fall 2010 | Change figure |
| Fall 2010 | Delete figure |
| Fall 2010 | * + - 1. Create multiple starting status reports |
|  | * 1. Target Capabilities |
| Fall 2010 | * + 1. Target Capabilities |
| Fall 2010 | * + - 1. Add target capabilities to script |
| Fall 2010 | * + - * 1. Add new target capability |
| Fall 2010 | * + - * 1. Add target capability from database |
| Fall 2010 | * + - 1. Edit target capabilities |
| Fall 2010 | * + - 1. Delete target capabilities from script |
|  | * + 1. Target Capability Metrics |
| Fall 2010 | * + - 1. Add target capability metrics to script |
| Fall 2010 | * + - * 1. Add new target capability metric |
| Fall 2010 | * + - * 1. Add target capability metric from database |
| Fall 2010 | * + - 1. Edit target capability metrics |
| Fall 2010 | * + - 1. Delete target capability metrics from script |
|  | * + 1. Exercise Objectives |
| Fall 2010 | * + - 1. Create exercise objectives |
| Fall 2010 | * + - 1. Add exercise objectives to script |
| Fall 2010 | * + - 1. Delete exercise objectives to script |
| Fall 2010 | * + 1. Create exercise handouts for evaluators |
|  | * 1. Scripting |
| Fall 2009 | * + 1. Create a Script |
| Fall 2009 | * + 1. Edit Script |
| Fall 2009 | * + - 1. Injects |
| Spring 2010 | * + - * 1. Add inject from Database |
| Fall 2009 | * + - * 1. Add New Inject |
| Fall 2009 | * + - * 1. Delete an inject from the script |
| Fall 2009 | * + - * 1. Edit an inject |
| 2013+ | * + - * 1. Move Injects Around Ad-hocly |
| Fall 2009 | * + 1. Delete Script |
| 2013+ | * + 1. Import/Upload Script |
| 2013+ | * + 1. Export Script |
| 2013+ | * + 1. Archive Script |
| 2013+ | * + - 1. Recall/View Archived script? |
|  | * 1. Database controls |
| Fall 2010 | * + 1. Clear the logs for the script |
| Fall 2010 | * + 1. Reset the logs for the script |
| Fall 2010 | * + 1. Clear the logs for the player |
|  | * 1. Exercise Controller |
| 2013+ | * + 1. User Tutorial |
| Spring 2010 | * + 1. Control the Exercise |
| Spring 2010 | * + - 1. Start Exercise |
| Spring 2010 | * + - 1. Pause Exercise |
| Spring 2010 | * + - 1. Terminate Exercise |
| Spring 2010 | * + - 1. Next Block |
| Spring 2010 | * + - 1. Fast Time |
| 2013+ | * + - 1. Move Injects Around Ad-hocly |
|  | * + 1. Player Reports |
| Spring 2011 | * + - 1. View Player Reports |
| Spring 2011 | * + - 1. Filter player reports |
| Spring 2011 | * + - 1. Sort player report elements |
| Spring 2011 | * + - 1. More detailed player reports |
| Spring 2011 | * + 1. Logout |
|  | * 1. Loose Ends |
| Spring 2011 | * + 1. Add validation controls to interfaces |
|  |  |
|  | 1. Researcher |
| Fall 2010 | * 1. Login |
| Fall 2010 | * + 1. Main browser login message |
|  | * 1. Choose Exercise Metrics |
| Fall 2010 | * + 1. Percentage injects received but not responded to (missed) |
| Fall 2010 | * + 1. Average inject response time (when does response time start and end?) |
| 2013+ | * + 1. Correctly respond to injects |
| 2013+ | * + 1. Response to injects within capability metrics |
|  | * 1. View Chat Logs |
| 2013+ | * + 1. Analyze chat logs |
| 2013+ | * + - 1. Sort chat log elements |
| 2013+ | * + - 1. Filter chat log elements |
|  | * 1. View Position Logs |
| 2013+ | * + 1. Analyze position logs |
| 2013+ | * + - 1. Sort position log elements |
| 2013+ | * + - 1. Filter position log elements |
|  | * 1. View Player Reports |
| Spring 2011 | * + 1. Create more detailed player reports |
| Spring 2011 | * + - 1. Include expected user actions to injects |
| Spring 2011 | * + - 1. Better logging |
|  | * + 1. View single player report |
| Spring 2011 | * + - 1. Analyze player reports |
| Spring 2011 | * + - * 1. Sort player report elements |
| Spring 2011 | * + - * 1. Filter player report elements |
| Spring 2011 | * + - * 1. More detailed player reports |
|  | * + 1. View multiple player reports |
| 2013+? Or Spring 2011 | * + - 1. Analyze player reports |
| 2013+? Or Spring 2011 | * + - * 1. Sort player report elements |
| 2013+? Or Spring 2011 | * + - * 1. Filter player report elements |
| Spring 2011 | * 1. Logout |
|  | * 1. Loose Ends |
| Spring 2011 | * + 1. Add validation controls to interfaces |
|  |  |
| 2013+ | 1. Administrator |
| 2013+ | * 1. Create Console |
| 2013+ | * + 1. Login |
| 2013+ | * + 1. Create User Logins |
| 2013+ | * + 1. Delete User Logins |
| 2013+ | * + 1. Reset Locked Players |
|  | * 1. Manual Database Access |
| 2013+ | * + 1. Modify tables and data in tables |
| 2013+ | * 1. Logout |
|  | * 1. Loose Ends |
| 2013+ | * + 1. Add validation controls to interfaces |
|  |  |
|  | 1. Database |
| Spring 2011 | * 1. Input validation |
| Spring 2011 | * + 1. Add validation controls to interfaces |
|  |  |
|  | 1. Documentation |
| Spring 2011 | * 1. Developer |
| Spring 2011 | * + 1. Inline documentation (code) |
|  | * 1. System Documentation |
| Fall 2009 - Summer 2010 | * + 1. Flow charts |
| Fall 2009 - Summer 2010 | * + - 1. System Overview |
| Fall 2009 - Summer 2010 | * + - 1. Trainee |
| Fall 2009 - Summer 2010 | * + - 1. Exercise Developer |
| Fall 2009 - Summer 2010 | * + - 1. Exercise Controller |
| Fall 2009 - Summer 2010 | * + - 1. Researcher |
| Fall 2009 - Summer 2010 | * + - 1. Administrator |
|  | * 1. User Manuals |
| 2013+ | * + 1. Installation |
| 2013+ | * + 1. System Overview |
| 2013+ | * + 1. Trainee |
| 2013+ | * + 1. Exercise Developer |
| 2013+ | * + 1. Exercise Controller |
| 2013+ | * + 1. Researcher |
| 2013+ | * + 1. Administrator |
|  |  |
|  | 1. System Improvements |
| 2013+ | * 1. System backup |
| Summer 2010 | * + 1. Eclipse on personal computer |
| Spring 2010 | * + 1. Servers (through svn) |
|  | * 1. General Loose Ends |
| 2013+ | * + 1. Expand menu bars to fit screen |
| 2013+ | * + 1. Adjust menu size to menu minimization |
| 2013+ | * + 1. Compatibility with different web browsers |
| 2013+ | * + - 1. Firefox 3.6.18 or greater |
| 2013+ | * + - 1. Internet Explorer |
| 2013+ | * + - 1. Safari |
|  | * 1. Review Reverse AJAX functionality |
| 2013+ | * + 1. Chat program |
| 2013+ | * + 1. Remote functionality |
| 2013+ | * + 1. Scripting |
|  | * 1. XML Standards |
| 2013+ | * + 1. Create standards for data transfer and storage |
| 2013+ | * + 1. Switch database to XML database |
|  | * 1. Artificial Tutoring System |
| 2013+ | * + 1. Expert System |
| 2013+ | * 1. Code Release on Source Forge |
| 2013+ | * + 1. Scrub documents |
| 2013+ | * + - 1. Create own Database |
| 2013+ | * + - 1. Create passwords and URLs to database |
| 2013+ | * + - 1. Delete passwords and URLs to server |
| 2013+ | * + - 1. Use a virtual player? |
| Summer 2010, Fall 2010, Spring 2011 | * 1. Experiment with Cyberinfrastructure lab at Notre Dame and with collaborators |
| Spring 2013 | * + 1. Write Journal Paper |
|  |  |
|  | 1. Testing |
|  | * 1. System |
| 2013+ | * + 1. System scalability |
| 2013+ | * + 1. Server scalability |
|  | * 1. Web-browser compatibility |
| Spring 2011 | * + 1. Firefox 3.6.18 or greater |
| Spring 2011 | * + 1. Internet Explorer |
| Spring 2011 | * + 1. Safari |
|  | * 1. Trainee Console |
| Fall 2010 | * + 1. All elements working |
| Fall 2010, Spring 2011 | * + 1. Input validation |
| Fall 2009 – Spring 2011 | * + 1. User interface design and functionality |
| Fall 2009, Spring 2011 | * + 1. Security |
|  | * 1. Exercise Developer |
| Fall 2010, Spring 2011 | * + 1. All elements |
| Fall 2010, Spring 2011 | * + 1. Input validation |
| Fall 2009 – Spring 2011 | * + 1. User interface design and functionality |
| Fall 2010, Spring 2011 | * + 1. Security |
|  | * 1. Exercise Controller |
| Fall 2010, Spring 2011 | * + 1. All elements |
| Fall 2010, Spring 2011 | * + 1. Input validation |
| Fall 2009 – Spring 2011 | * + 1. User interface design and functionality |
| Fall 2010, Spring 2011 | * + 1. Security |
|  | * 1. Researcher |
| Spring 2011 | * + 1. All elements |
| Spring 2011 | * + 1. Input validation |
| Spring 2011 | * + 1. User interface design and functionality |
| Spring 2011 | * + 1. Security |
|  | * 1. Administrator |
| 2013+ | * + 1. All elements |
| 2013+ | * + 1. Input validation |
| 2013+ | * + 1. User interface design and functionality |
| 2013+ | * + 1. Security |
|  | * 1. Database |
| Spring 2011 | * + 1. Input validation |
| 2013+ | * + 1. Scalability |
| Spring 2011, 2013+ | * + 1. Security |