

Environmental Intelligence Network Systems
Remote Monitoring System
- Acceptance Test -

Welcome

Mr. Ken Swarner

Systems Administrator

Dr. Tim Lederman

Professor

EIN Systems Organization

Team Structure

Ybelka Brito

Michael Devanandan

Joseph Halvey

Vernell Mitchell

Anthony Ruotolo

Website/Librarian

Lead Developer

DBA

Webmaster

Team Leader

Acceptance Test Presentation

Roger Bacon 328

May 2, 2006

| | |
|-------------------|-----------------------|
| Anthony Ruotolo: | Intro & Deliverables |
| Vernell Mitchell: | Testing |
| Joseph Halvey: | Acceptance Test |
| Ybelka Brito: | Site Demonstration |
| Anthony Ruotolo: | Schedule & Conclusion |

Acceptance Test Presentation

Intro & Deliverables by Anthony Ruotolo

Deliverables

On May 1st

- A Hard Copy of our Acceptance Testing document

On May 8th

- a CD which will include:
 - Full set of test docs
 - Complete team website
 - Complete copy of our project
 - README

Acceptance Test Presentation

Unit & Integration Testing by Vernell Mitchell

Acceptance Test Presentation

| User Home Page (userhome.php) | | | | | | | | | | |
|-------------------------------|---------------------------|------|------------------------------|-------------------|------------------|-------------------|--|---|-----------|----------|
| Num | Name | ID | Description | State Before Test | State After Test | Input/Test Values | Steps to be Executed | Expected Results | Pass/Fail | Comments |
| 1 | Home Page Link Clicked | Link | Home Page Link is Clicked | userhome.php | userhome.php | None | Load webpage | userhome.php page is loaded automatically | P | |
| 2 | Login Link Clicked | Link | Login Link is Clicked | userhome.php | login.php | None | Load webpage | login.php page is loaded automatically | P | |
| 3 | Alerts Link Clicked | Link | Alerts Link is Clicked | userhome.php | alerts.php | None | Load webpage | alerts.php page is loaded automatically | P | |
| 4 | Events Link Clicked | Link | Events Link is Clicked | userhome.php | user.php | None | Load webpage | events.php page is loaded automatically | P | |
| 5 | Registration Link Clicked | Link | Registration Link is Clicked | userhome.php | registration.php | None | Load webpage | registration.php page is loaded automatically | P | |
| 6 | Faq Link Clicked | Link | Faq Link is Clicked | userhome.php | faq.php | None | Load webpage | faq.php page is loaded automatically | P | |
| 7 | Help Link Clicked | Link | Help Link is Clicked | userhome.php | help.php | None | Load webpage | help.php page is loaded automatically | P | |
| 8 | Events Link Clicked | Link | Events Link is Clicked | userhome.php | events.php | None | Load webpage | events.php page is loaded automatically | P | |
| 9 | Collapse All Link Clicked | Link | Collapse All Link is Clicked | userhome.php | userhome.php | None | Collapses everything on page that can be collapsed | All items that can be collapsed are collapsed on the page | P | |

Acceptance Test Presentation

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|----|------------------------------|------|---------------------------------|--------------|--|------|---|---|---|--|
| 10 | Expand All Link Click | Link | Expand All Link is Clicked | userhome.php | userhome.php | None | Expands everything on page that can be expanded | All items that can be expanded are expanded on the page | P | |
| 11 | Update Location Link Clicked | Link | Upload Location Link is Clicked | userhome.php | userhome.php | None | Updates IP Address of your location to the one that you are currently at if you need to update it | Updates Location's IP Address to IP Address that you are currently at | P | |
| 12 | Drop Goos Link Clicked | Link | Drop Goos Link is Clicked | userhome.php | userhome.php | None | Drops Goos device from your database | Drops Goos device is dropped from your database | P | |
| 13 | Toggle Goos Device | Link | Toogle Goos Device | userhome.php | userhome.php | None | Collapses & Expands Visibility of Goos table | Goos Table Collapses & Expands | P | |
| 14 | Goos IP Link | Link | Goos IP Link is Clicked | userhome.php | IP Address/Web Site of the Goos Device | None | Shows website of Goos device | Website of Goos device is shown | P | |
| 15 | Drop Camera Link Clicked | Link | Drop Camera Link is Clicked | userhome.php | userhome.php | None | Drops camera device from your database | camera device dropped from your database | P | |
| 13 | Toggle Camera Device | Link | Toogle Camera Device | userhome.php | userhome.php | None | Collapses & Expands Visibility of Camera table | Camera Table Collapses & Expands | P | |
| 14 | Camera IP Link | Link | Camera IP Link is Clicked | userhome.php | IP Address/Web Site of the Camera Device | None | Shows website of Camera device | Website of Camera device is shown | P | |
| 15 | Logout Link Clicked | Link | Logout Link is Clicked | userhome.php | screen w/ link to login page | None | User is Logged Out | User is logged out | P | |

Acceptance Test Presentation

| Administrator Home Page (adminhome.php) | | | | | | | | | | |
|---|------------------------------|------|---|-------------------|------------------|-------------------|------------------------------|---|-----------|------------------------|
| Num | Name | ID | Description | State Before Test | State After Test | Input/Test Values | Steps to be Executed | Expected Results | Pass/Fail | Comments |
| 1 | Admin Home Page Link Clicked | Link | Admin Home Page Link is Clicked | adminhome.php | adminhome.php | None | Load webpage | adminhome.php page is loaded automatically | P | |
| 2 | Login Link Clicked | Link | Login Link is Clicked | adminhome.php | login.php | None | Load webpage | login.php page is loaded automatically | P | |
| 3 | Alerts Link Clicked | Link | Alerts Link is Clicked | adminhome.php | adminalerts.php | None | Load webpage | adminalerts.php page is loaded automatically | F | Page not yet completed |
| 4 | Events Link Clicked | Link | Events Link is Clicked | adminhome.php | adminevents.php | None | Load webpage | adminevents.php page is loaded automatically | F | Page not yet completed |
| 5 | Registration Link Clicked | Link | Registration Link is Clicked | adminhome.php | registration.php | None | Load webpage | registration.php page is loaded automatically | P | |
| 6 | Faq Link Clicked | Link | Faq Link is Clicked | adminhome.php | faq.php | None | Load webpage | faq.php page is loaded automatically | P | |
| 7 | Help Link Clicked | Link | Help Link is Clicked | adminhome.php | help.php | None | Load webpage | help.php page is loaded automatically | P | |
| 8 | Alert ID Link | Link | Alert ID link is Clicked | adminhome.php | alerts.php | None | Sorts Table by Alert ID | Alerts table is sorted by Alert ID | P | |
| 9 | Goos ID Link | Link | Goos ID link is Clicked | adminhome.php | alerts.php | None | Sorts Table by Goos ID | Goos table is sorted by Goos ID | P | |
| 10 | Time Of Alert Link | Link | Time of Alert link is Clicked | adminhome.php | adminhome.php | None | Sorts Table by Time of Alert | Alerts table is sorted by Time of Alert | P | |
| 11 | Alert Reading Link | Link | Alert Reading link is Clicked | adminhome.php | adminhome.php | None | Sorts Table by Alert Reading | Alerts table is sorted by Alert Reading | P | |
| 12 | Type of Alert Link | Link | Type of Alert link is Clicked | adminhome.php | adminhome.php | None | Sorts Table by Type of Alert | Alerts table is sorted by Type of Alert | P | |
| 13 | Delete Alert Link Clicked | Link | Delete Alert Link is Clicked | adminhome.php | adminhome.php | None | Deletes Alert | Alert is deleted from the database | P | |
| 14 | Logout Link Clicked | Link | Logout Link is Clicked under its location | adminhome.php | alerts.php | None | Load webpage | logout.php page is loaded automatically | P | |
| 15 | Event ID Link | Link | Event ID link is Clicked | adminhome.php | adminhome.php | None | Sorts Table by Event ID | Events table is sorted by Event ID | P | |

Acceptance Test Presentation

Acceptance Test by Joseph Halvey

Acceptance Test Presentation

Sensored User

Registered user who is at a monitored location.

| <u>Sensored User</u> | Met | Not Met |
|--|-----|---------|
| A sensed user's Web browser is set to the EIN Homepage by default, | X | |
| A sensed user logs into the sensed user's account using the sensed user's username and password, | X | |
| A sensed user's username is the user's E-mail, | X | |
| A sensed user's password consists of 6-12 characters, and includes at least one number, one uppercase letter, one lowercase letter, and at least one of eight recognized special characters shown here within double quotes "#\$%^!&*=", | X | |
| After the sensed user has been authenticated, a logged-in screen comes up with a welcome message, as well as a message informing the sensed user that the user is at a recognized, monitored location, | X | |
| Displayed at the bottom of the sensed user's logged in screen, are the sensed user's registered locations with the current "at" location highlighted, the devices associated with each location and the status for each, | X | |

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| A sensed user also has a navigation bar with buttons that take the sensed user to the different pages on the website which allow the sensed user to change various aspects of the user's account, | X | |
| The Account button navigates the sensed user to a page that allows the sensed user to add or delete an account, a regular account or a "guest" account, | X | |
| The Device button navigates the sensed user to a page that allows the sensed user to add or delete a device as well as to check the alert status of each device and change the settings of the devices which are associated with the location the sensed user is currently at, | X | |
| The Profile Settings button navigates the sensed user to a page that allows the sensed user to change the settings associated with the sensed user's online account, including changing the sensed user's E-mail or password, | X | |
| The Logs button navigates the sensed user to a page that displays the entire alert and event logs in each device's history, | X | |

Acceptance Test Presentation

| <u>Site Administrator</u> | | |
|--|-----|---------|
| <u>Site Administrator</u> | Met | Not Met |
| The site administrator is responsible for maintaining the database of sensed users as well as upkeep and troubleshooting for a sensed user's software interaction and devices, | X | |
| The site administrator turns on a computer whose IP address is recognized by the EMS system, and opens a Web browser, which has the EIN webpage as its homepage, | X | |
| The login page is shown and the site administrator enters the site administrator's email address for the username, | X | |
| The site administrator also enters the site administrator password which is between 6-12 characters long, features at least one number, one capital letter, one lowercase letter, and at least one of eight recognized special characters shown here within double quotes "#\$%^!&*=", | X | |
| The site administrator page is displayed, including a welcome statement and a message informing the site administrator of the current location, | X | |
| The site administrator page also displays the last 10 lines of recent account events by remote or sensed users, as well as, the last 10 alerts, with each displayed with the most recent at the top, | X | |
| The site administrator page also includes a "More" button to view expanded logs of events and alerts, | X | |

Acceptance Test Presentation

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|--|---|---|
| The bottom of the site administrator page has a navigation bar that allows the site administrator to move to a complete list of sensed users or devices or alerts, | X | |
| The site administrator can click on the Sensed User button on the site administrator navigation bar and arrive at a page where the site administrator can select a sensed user's account and see the sensed user's information including locations, devices, system events, account information, and alerts, | | X |
| The site administrator can disable user accounts or devices as necessary via the User Information pages, | X | |
| The site administrator can click on the Devices button on his or her navigation bar and navigate to a page where the site administrator can filter the devices by either sensed user's that have the devices or by the names of the devices, | | X |
| The site administrator can click on the Alerts button on the site administrator navigation bar and navigate to a page where the site administrator can view all of the alerts reported for any sensed user to the EMS with most recent displayed at the top, | | X |
| The site administrator can filter the alerts by sensed user location, or sensed user device. | X | |

Acceptance Test Presentation

Site Demonstration

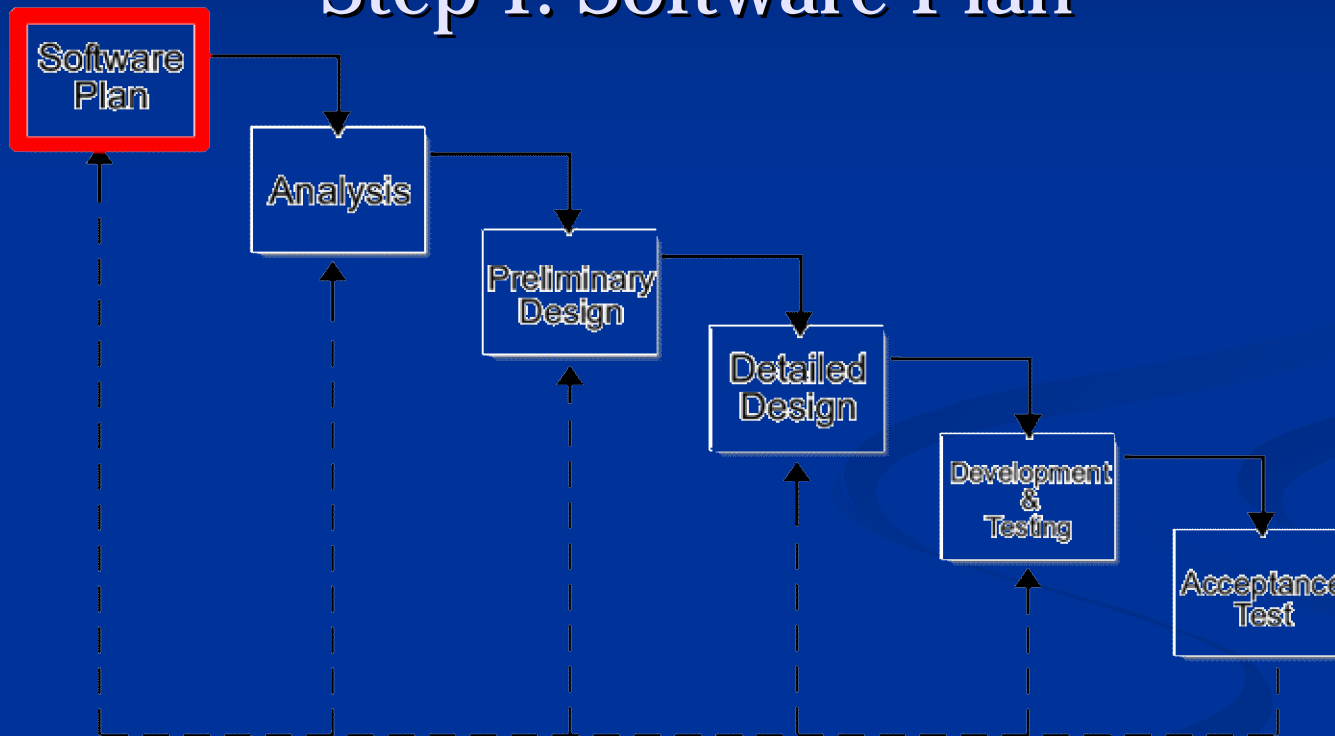
by Ybelka Brito

Acceptance Test Presentation

Schedule & Conclusion by Anthony Ruotolo

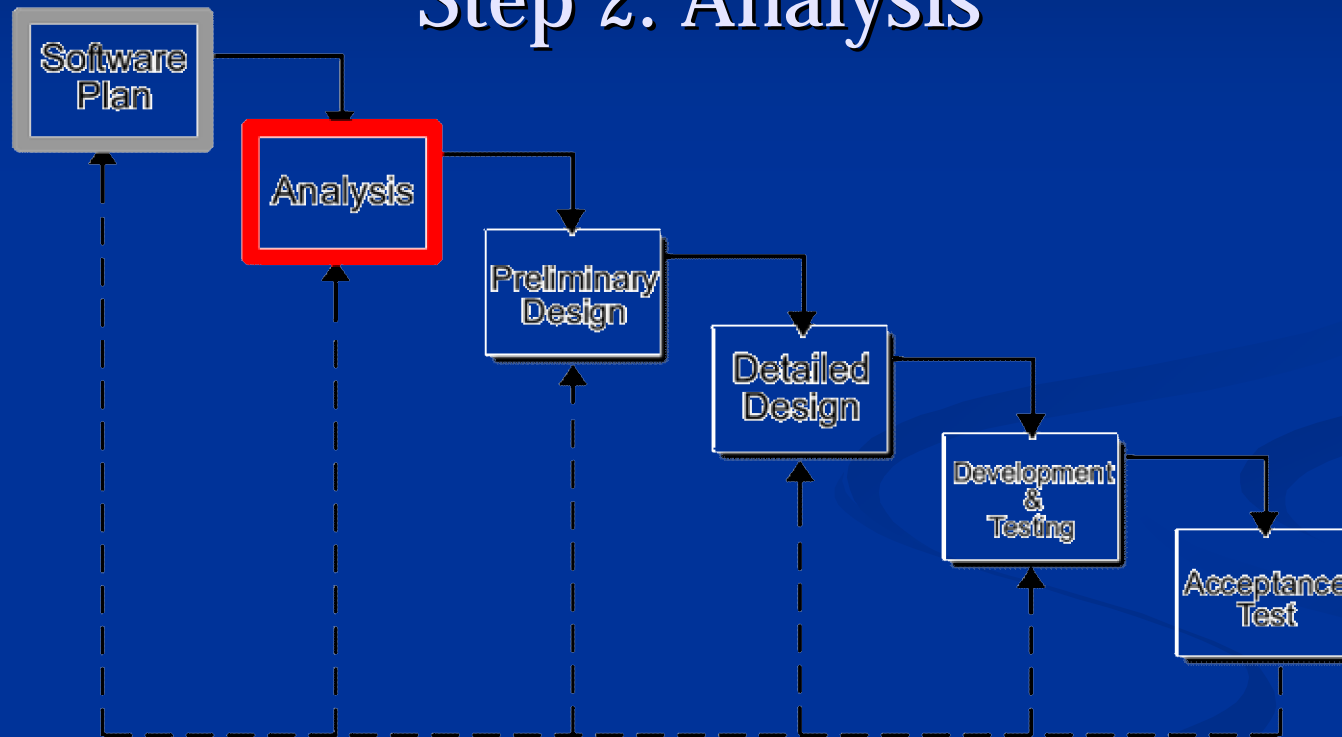
Classic Waterfall Model

Step 1: Software Plan



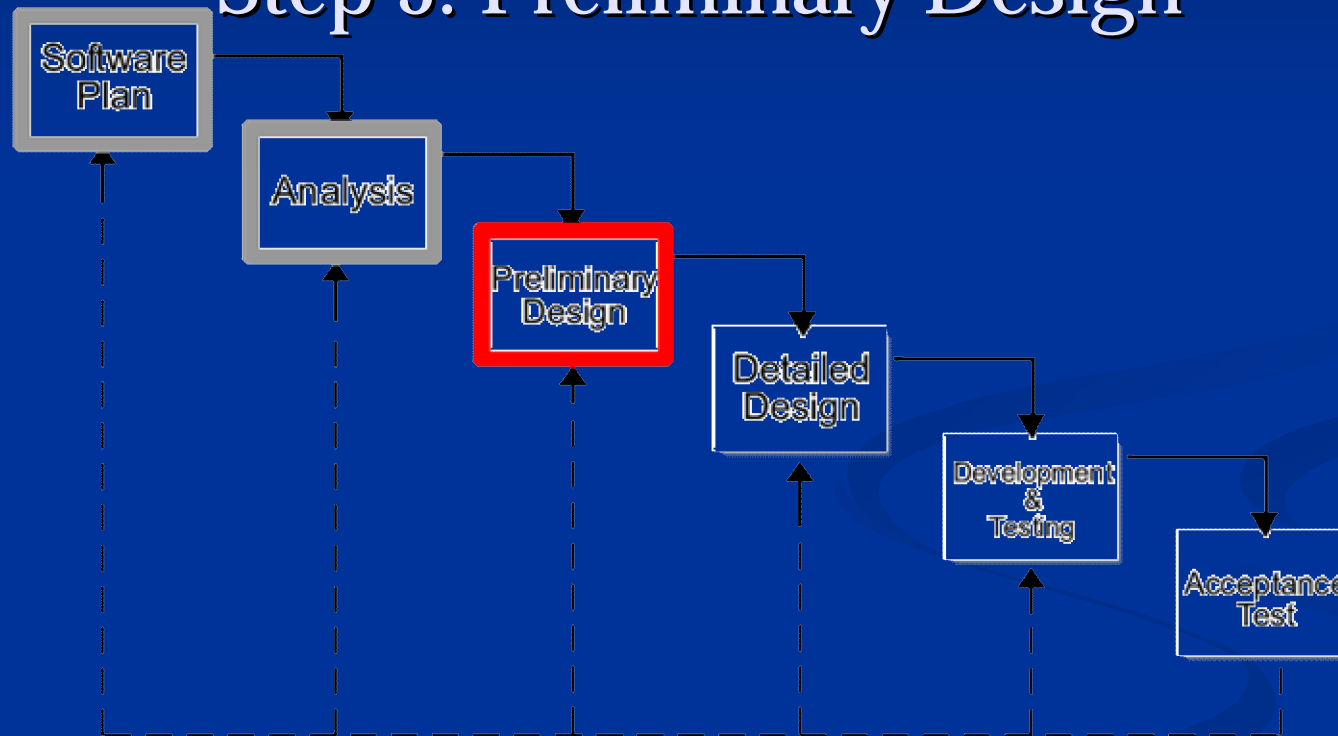
Classic Waterfall Model

Step 2: Analysis



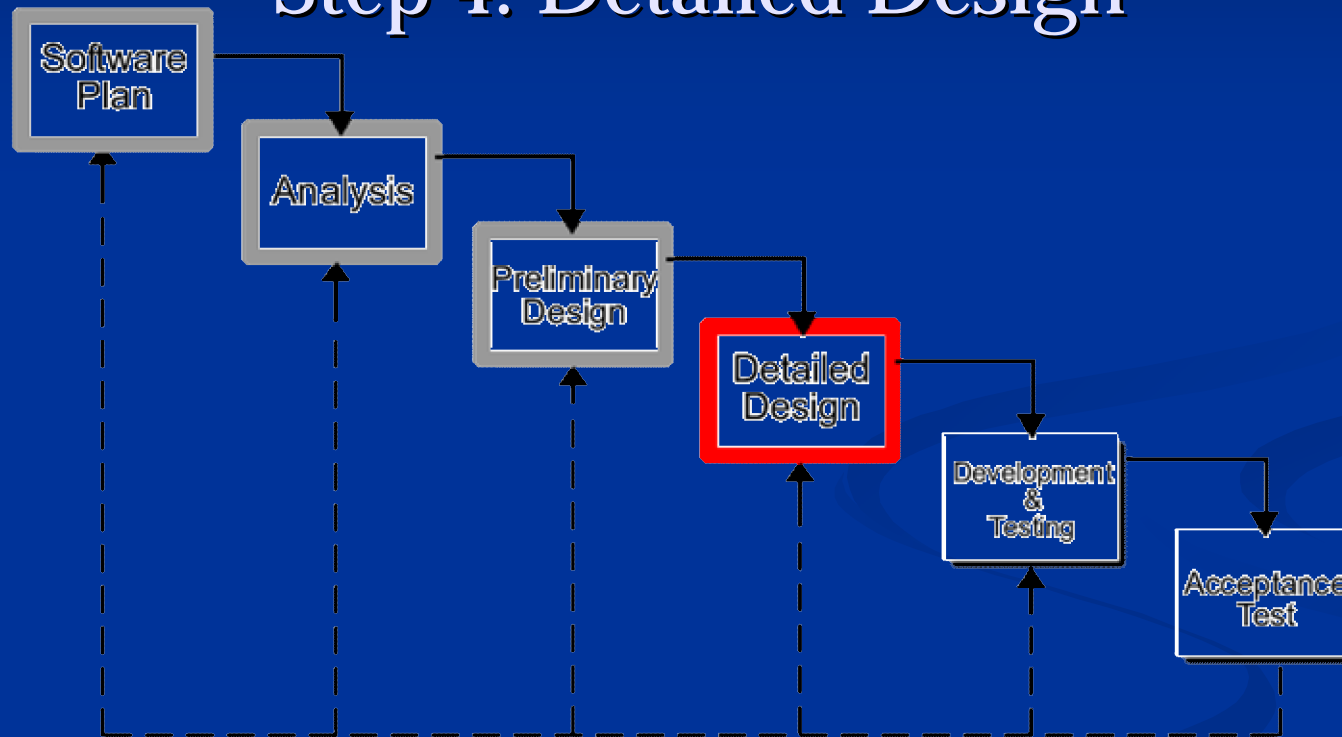
Classic Waterfall Model

Step 3: Preliminary Design



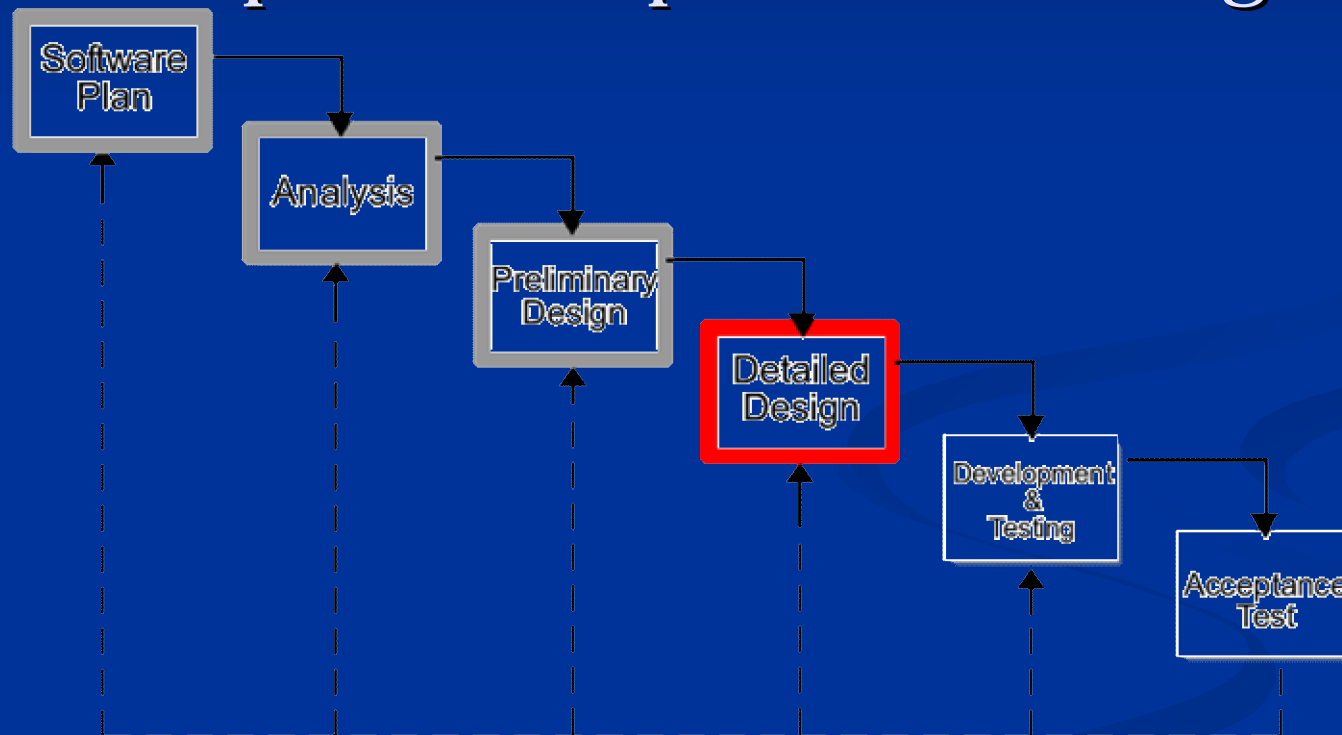
Classic Waterfall Model

Step 4: Detailed Design



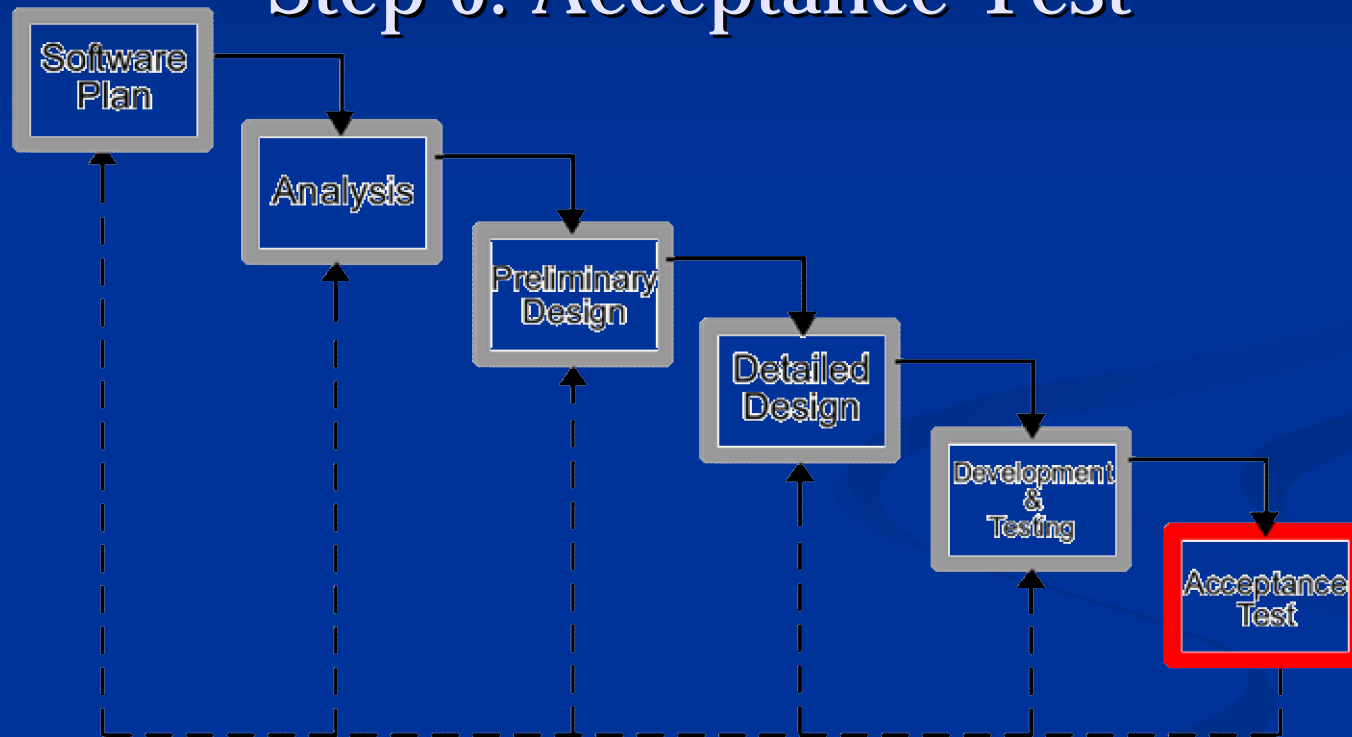
Classic Waterfall Model

Step 5: Development & Testing



Classic Waterfall Model

Step 6: Acceptance Test



Essentials

- Acceptance Test

- Document Due: May 1, 2006
- Date of Presentation: May 2, 2006

- Academic Celebration

- Date: May 5, 2006
- Objective: FOOD!!!!!!

Summary & Questions

Any Questions?