FAST

Fleet Assessment Support Tool

Program Requirements and Status

17 October 2002

FAST

Outline

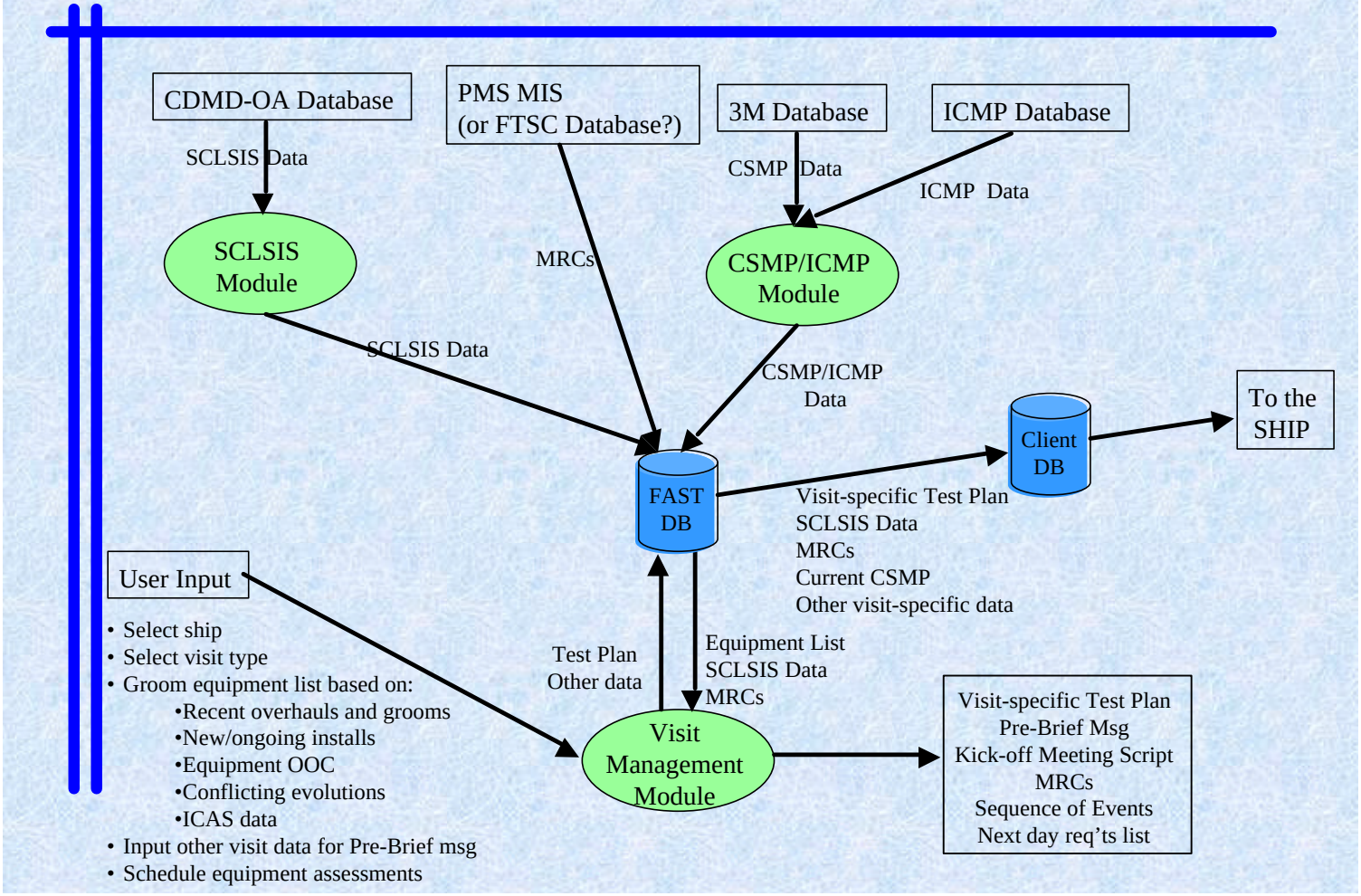
- Accomplishments and Status
- Program Design Process Flow Charts
- Sample User Interface Screens (2 Kilo Module)
- Plan of Action and Milestones
- Questions and Comments

FAST

Accomplishments and Status

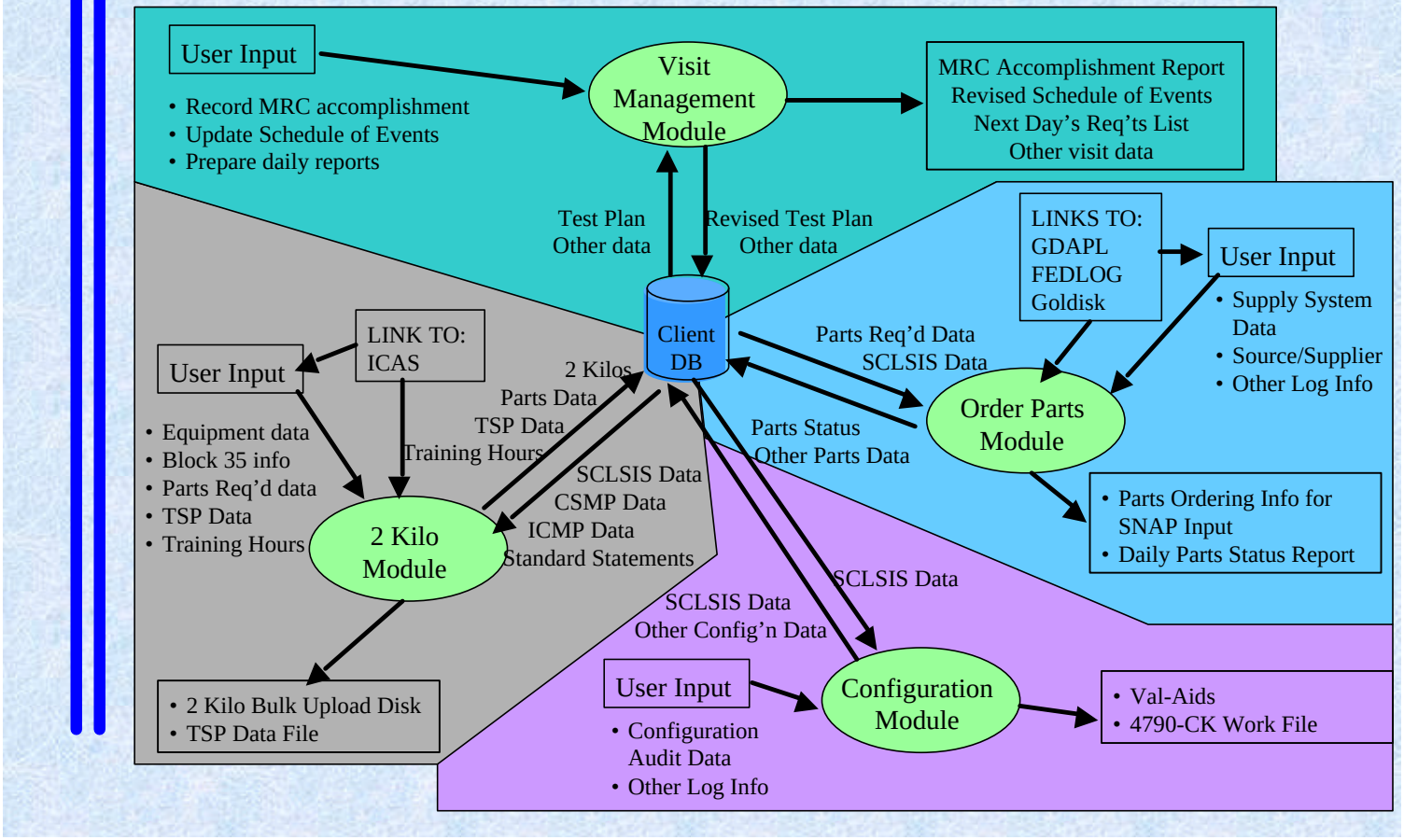
- Approved the program requirements
- Modular design of FAST Program 90% complete
- Gained access to Navy 3M and CDMD-OA data sources
- Initiated design of User Interface
- Conducted first User Interface design review
- Met with NSWC Corona technicians for requirements to support TSP
- Initiated coding of 2 Kilo Module Code Object

Pre-Visit Process

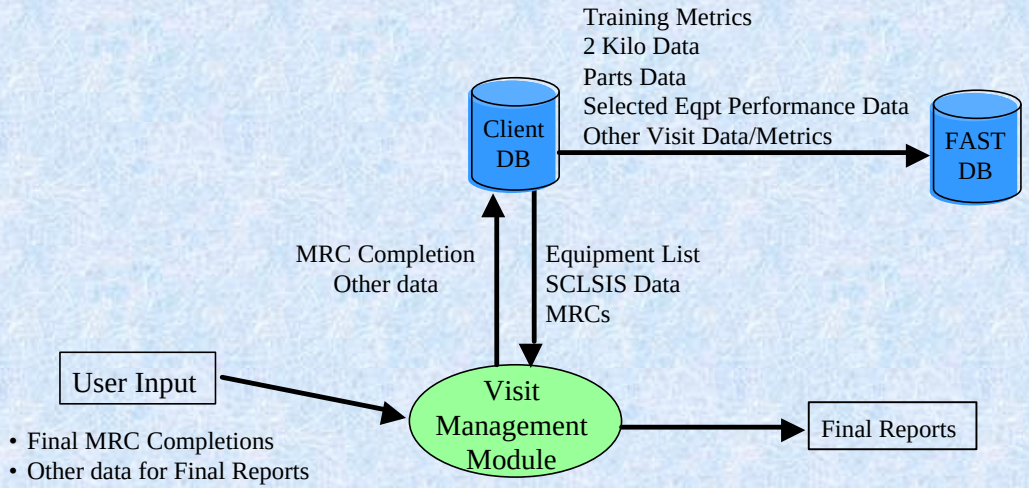


Visit Process

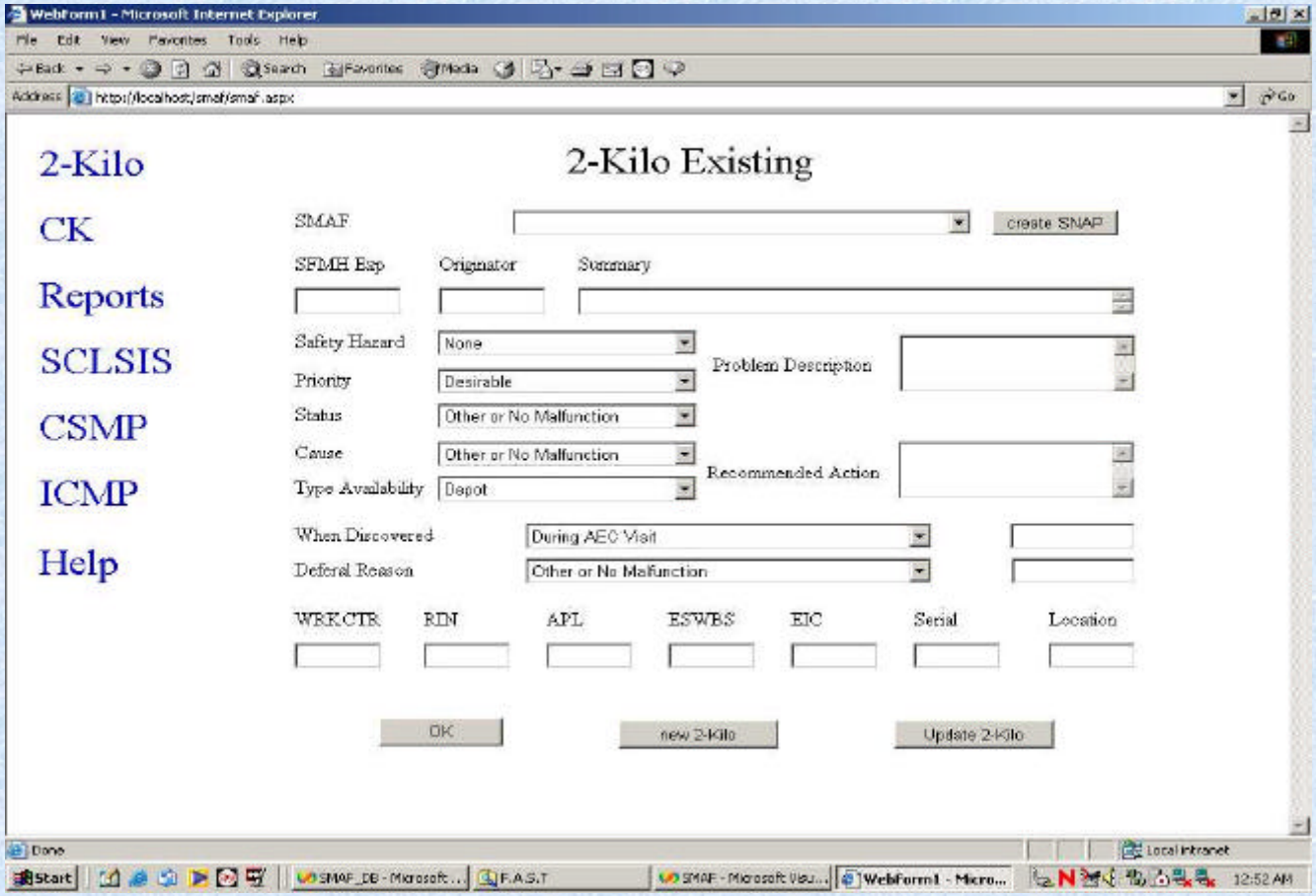
(On the Ship)



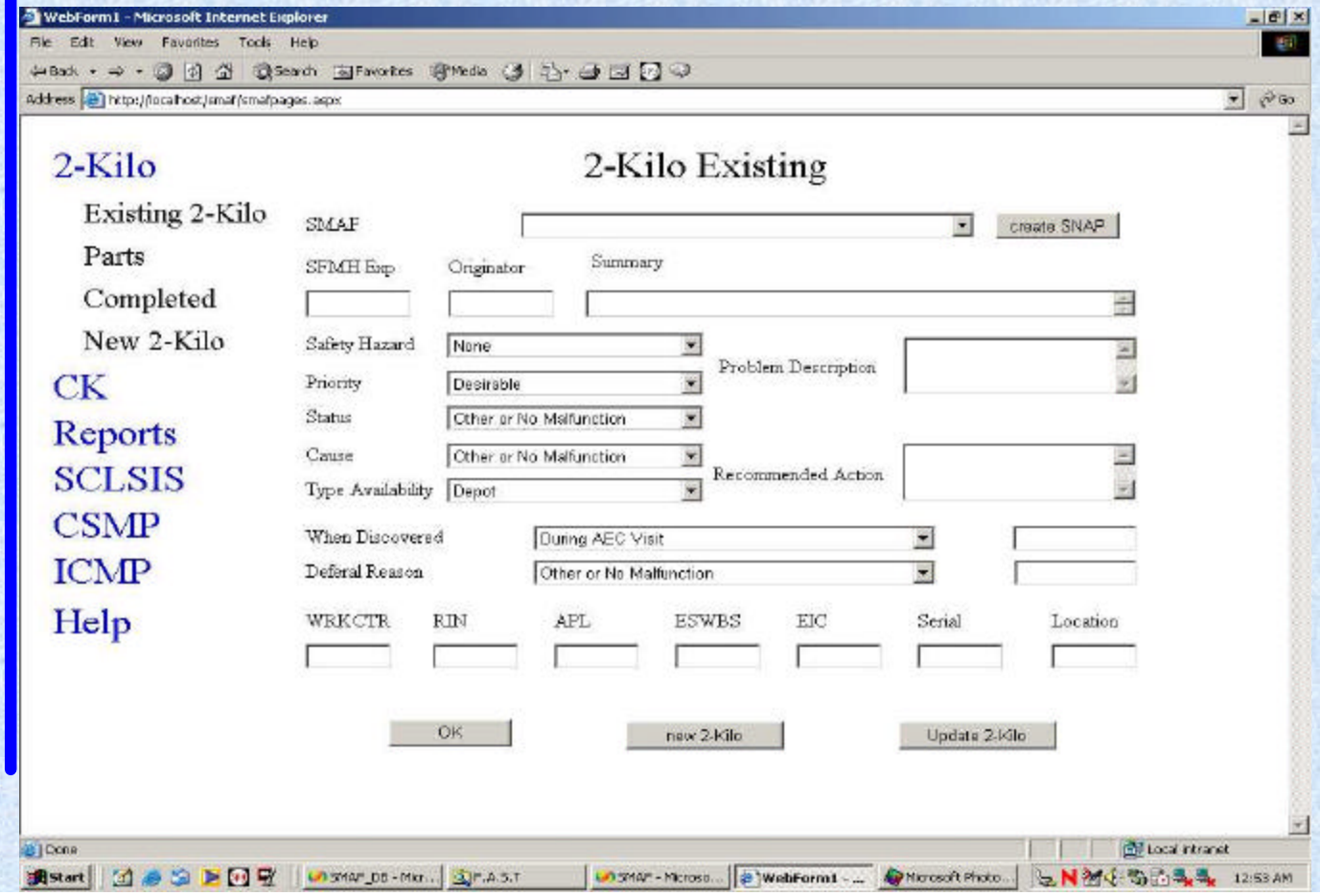
Post-Visit Process



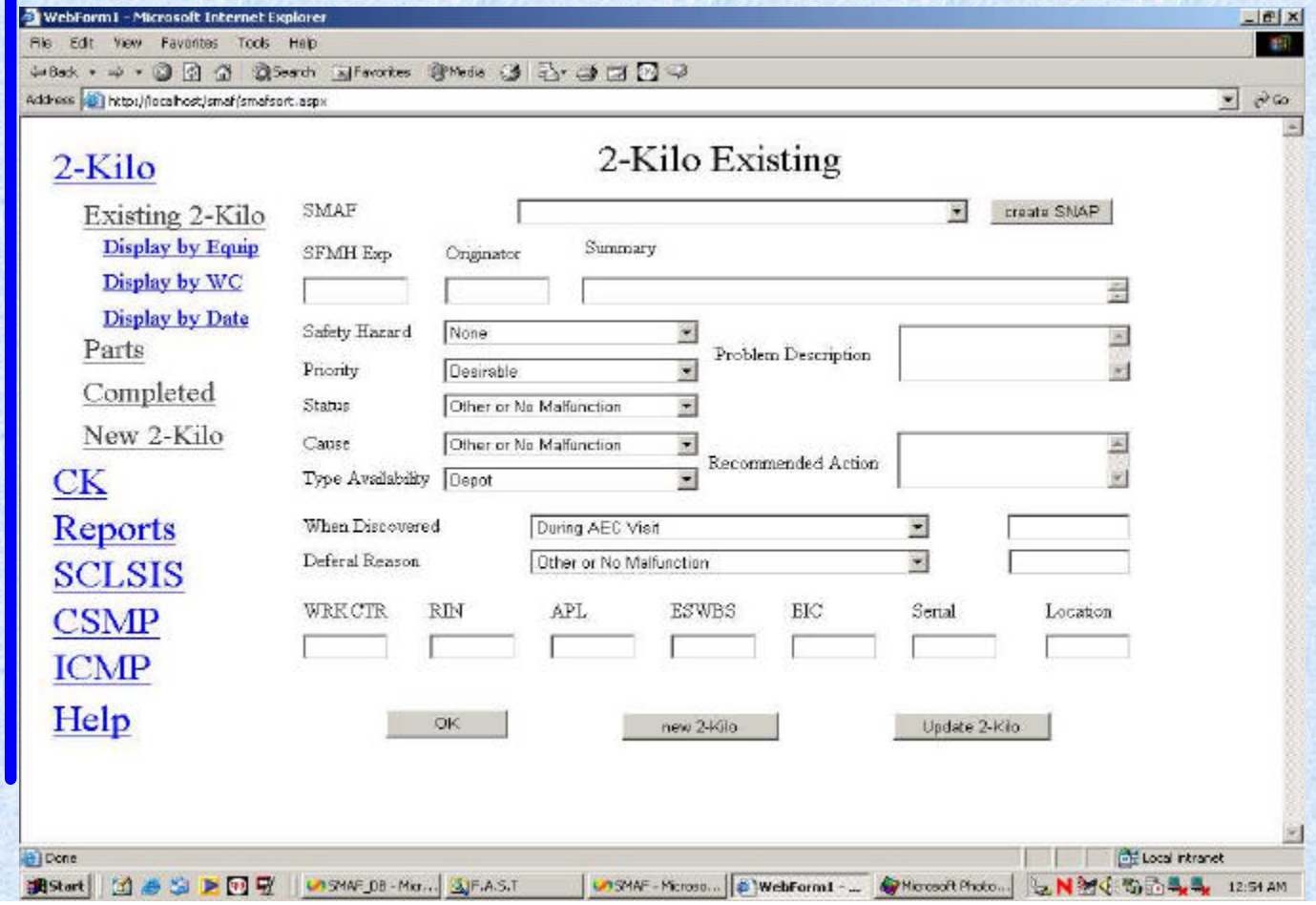
User Interface



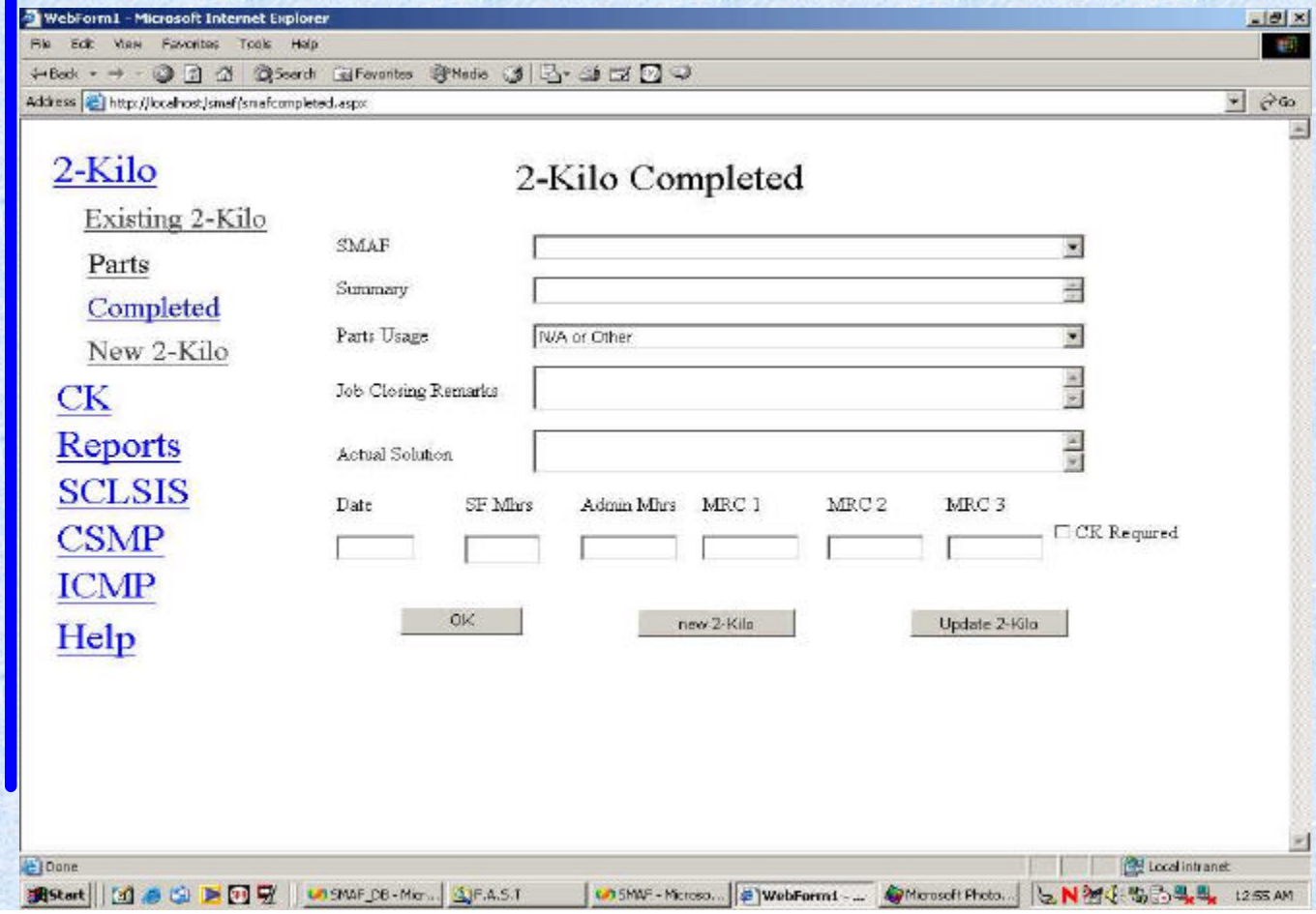
User Interface



User Interface



User Interface



Plan of Action and Milestones

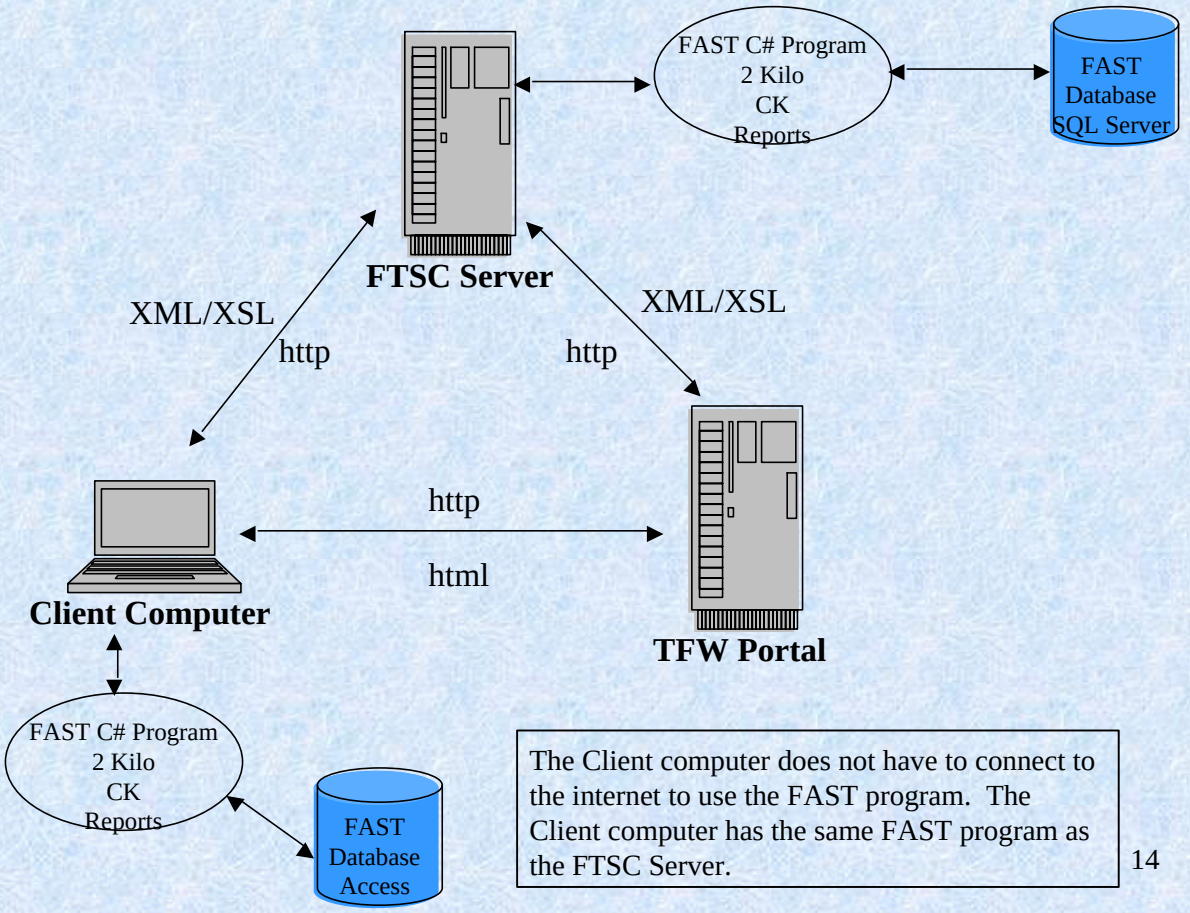
ID	Task Name	% Complete	Start	Finish	Duration
1	FAST Program	20%	8/1/2002	4/7/2003	178d
2	Establish Requirements	95%	8/1/2002	9/12/2002	31d
3	Software Design Effort	90%	9/2/2002	11/8/2002	50d
4	Database Schema Redesign	90%	9/2/2002	9/13/2002	10d
5	Logic Design	90%	9/16/2002	10/11/2002	20d
6	User Interface Design	80%	10/11/2002	11/7/2002	20d
7	Critical Design Review	100%	10/31/2002	10/31/2002	0d
8	Software Development	20%	9/16/2002	4/1/2003	142d
9	Coding logic	40%	9/16/2002	12/23/2002	71d
10	4790 CK	35%	9/16/2002	12/23/2002	71d
11	2-Kilo	60%	9/16/2002	12/23/2002	71d
12	User Interface Development	20%	12/23/2002	3/31/2003	71d
13	Reports	0%	12/23/2002	1/31/2003	30d
14	Test Software	0%	1/15/2003	4/1/2003	55d
15	Pre-planned Product Improvement	0%	2/17/2003	5/1/2003	54d

FAST

Questions and Comments

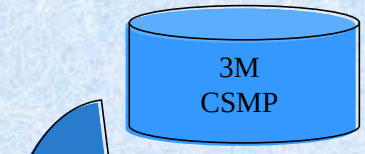
Back-up Slides

FAST Concept Overview



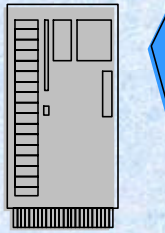
The Client computer does not have to connect to the internet to use the FAST program. The Client computer has the same FAST program as the FTSC Server.

CSMP Data from 3M



<u>AUTOMATED METHOD</u>.
Use FAST program to connect to 3M using ODBC connection and get CSMP data.

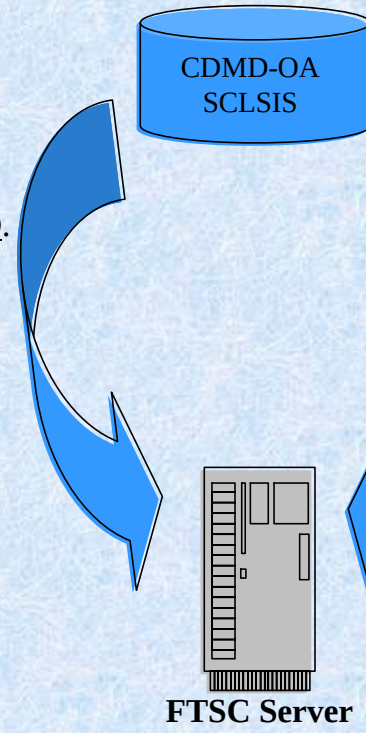
<u>WHAT WE DO NOW</u>.
Use OARS program to connect to 3M and get CSMP data.
(**O**pen **A**rchitecture **R**etrieval **S**ystem)



FTSC Server

Once we get the CSMP data from the 3M System we need to put this data into our SQLServer 2000 database on the FTSC server. This database has a table set up just for CSMP data.

SCLSIS Data from CDMD-OA

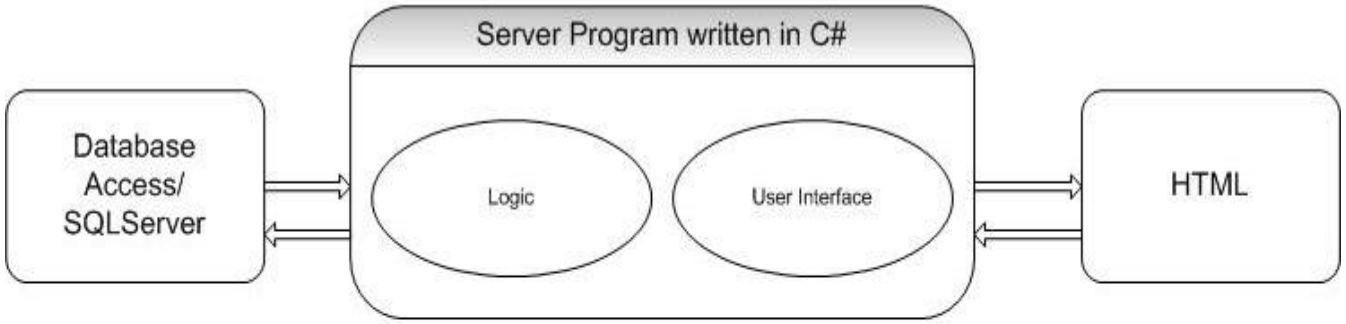


AUTOMATED METHOD.
Use FAST program to connect to CDMD-OA using ODBC connection and get SCLSIS data.

WHAT WE DO NOW.
Use CDMD-OA program to connect to CDMD-OA and get SCLSIS data.
(**C**onfiguration **D**ata **M**anagers **D**atabase-**O**pen **A**rchitecture)

Once we get the SCLSIS data from CDMD-OA we need to put this data into our SQLServer 2000 database on the FTSC server. This database has a table set up just for SCLSIS data.

Program 3-Tier Architecture



Each form will have a logic object and User Interface object. By separating the logic from User Interface the code will be easier to read and maintain. By making each form an object the program will be modular and able to grow or shrink with minimal work.

Object Design