

MICHIGAN STATE
UNIVERSITY

Alpha Demonstration Team System Custom Client

Team 6: TechSmith
CSE 498, Collaborative Design

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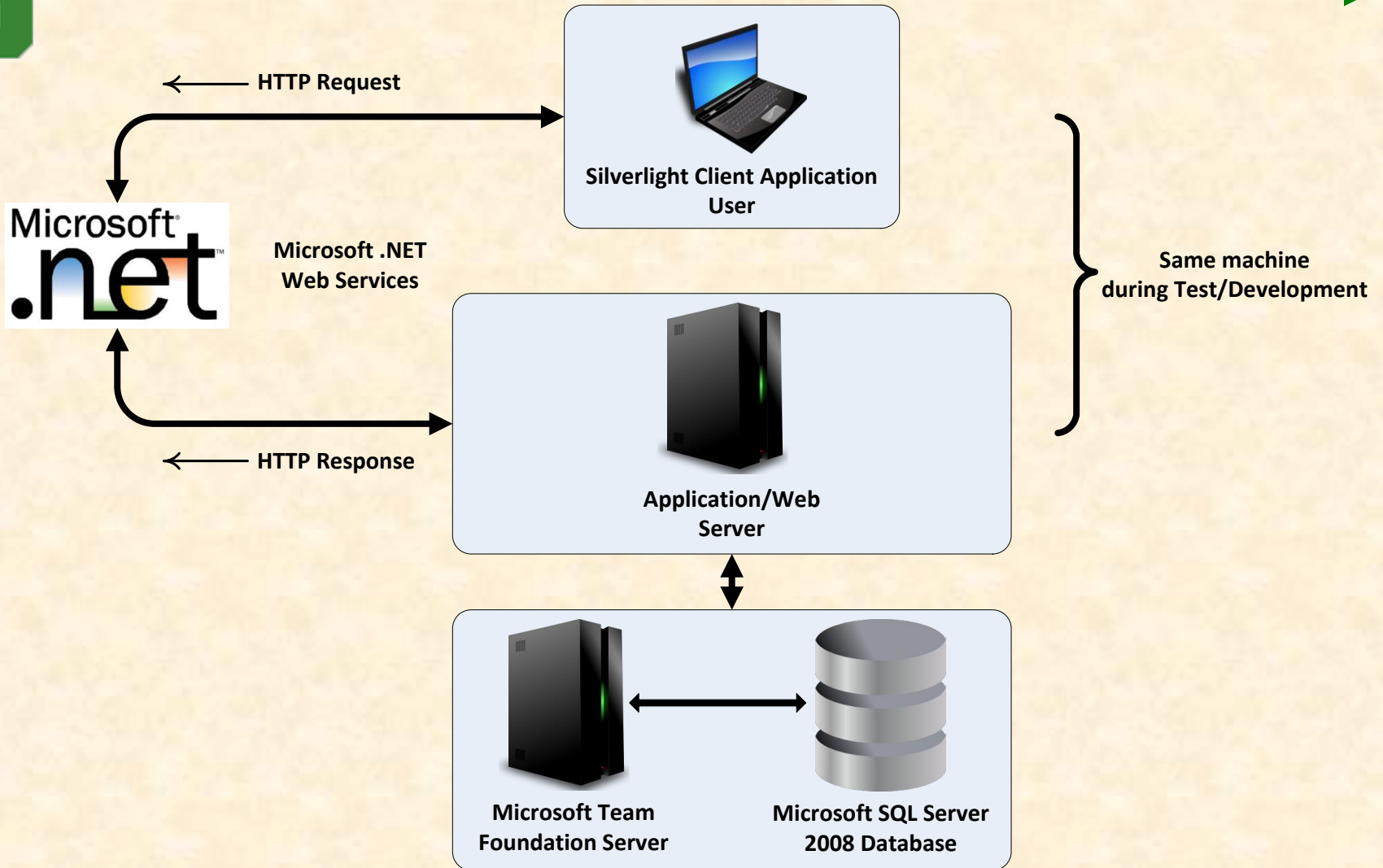


Project Overview

- Silverlight web client to interface with Microsoft Team Foundation Server
- Three part system:
 - Silverlight Client
 - Runs in the browser
 - Front-end to application server
 - Application Server
 - Runs on IIS or local development server
 - Facilitates communication between Silverlight and TFS
 - Team Foundation Server
 - Stores all data
 - Responsible for query processing (similar to RDBMS)

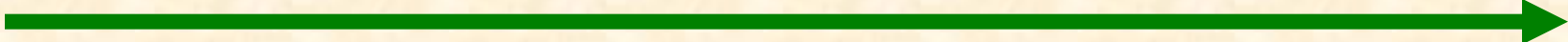


Architecture Illustrated

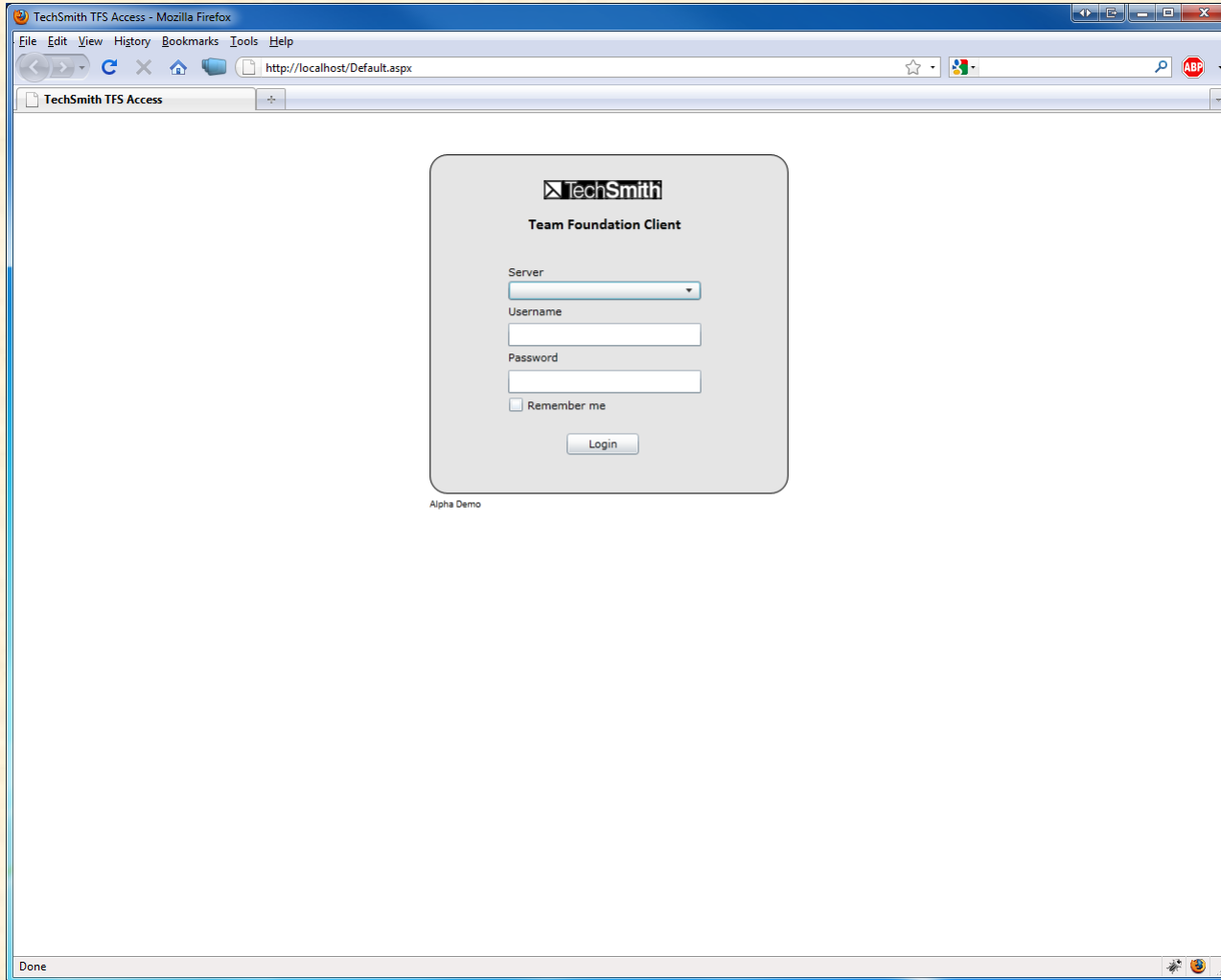


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Screenshots

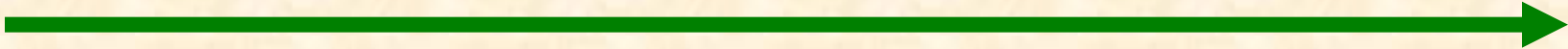


Team 6: TechSmith





Screenshots



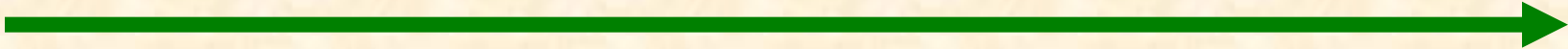
Team 6: TechSmith

The screenshot shows the TechSmith TFS Access web application in a Mozilla Firefox browser. The browser address bar shows the URL `http://localhost/Default.aspx`. The application interface includes a navigation menu with 'Home', 'Search', 'New Work Item', 'Reports', and 'Files'. A 'Project:' dropdown menu is visible on the right. The main content area is divided into three summary boxes: 'Build Status' (3 / 5 builds successful), 'Bugs' (146 new bugs), and 'Feature Requests' (36 new requests). Below these is a 'My Work Items' table with columns for Id, Type, Title, Rank, and State.

| Id | Type | Title | Rank | State |
|----|------|---|------|--------|
| 17 | Bug | another | | Active |
| 18 | Bug | test bug 1 | | Active |
| 1 | Task | Set up: Set Permissions | | Active |
| 2 | Task | Set up: Migration of Source Code | | Active |
| 3 | Task | Set up: Migration of Work Items | | Active |
| 4 | Task | Set up: Set Check-in Policies | | Closed |
| 5 | Task | Set up: Configure Build | | Active |
| 6 | Task | Set up: Send Mail to Users for Installation and Getting started | | Active |
| 7 | Task | Create Vision Statement | | Closed |
| 8 | Task | Set up: Create Project Description on Team Project Portal | | Active |
| 9 | Task | Create Personas | | Active |
| 10 | Task | Define Iteration Length | | Active |
| 11 | Task | Create Test Approach Worksheet including Test Thresholds | | Closed |
| 12 | Task | Brainstorm and Prioritize Scenarios List | | Active |
| 13 | Task | Brainstorm and Prioritize Quality of Service Requirements List | | Active |
| 14 | Task | Set up: Create Project Structure | | Active |
| 15 | Task | Create Iteration Plan | | Active |



Screenshots



Team 6: TechSmith

The screenshot shows the TechSmith TFS Access web application interface. The browser window title is "TechSmith TFS Access - Mozilla Firefox" and the address bar shows "http://localhost/Default.aspx". The application has a navigation menu with "Home", "Search", "New Work Item", "Reports", and "Files". A "Project:" dropdown is visible. The "Filters:" section includes checkboxes for "Items Assigned to Me", "Search Within Description", and "Show Only Bugs", along with dropdowns for "Item State:", "Sprint:", and "Show Only:". Date pickers for "Start Date:" and "End Date:" are also present. A search box labeled "ID or Keyword(s):" with a "Search" button is located above the table.

| Id | Work Item Type | Title | Rank | State | Assigned To |
|----|--------------------------------|---|------|--------|---------------|
| 1 | Task | Set up: Set Permissions | | Active | Administrator |
| 2 | Task | Set up: Migration of Source Code | | Active | Administrator |
| 3 | Task | Set up: Migration of Work Items | | Active | Administrator |
| 5 | Task | Set up: Configure Build | | Active | Administrator |
| 6 | Task | Set up: Send Mail to Users for Installation and Getting started | | Active | Administrator |
| 8 | Task | Set up: Create Project Description on Team Project Portal | | Active | Administrator |
| 9 | Task | Create Personas | | Active | Administrator |
| 10 | Task | Define Iteration Length | | Active | Administrator |
| 12 | Task | Brainstorm and Prioritize Scenarios List | | Active | Administrator |
| 13 | Task | Brainstorm and Prioritize Quality of Service Requirements List | | Active | Administrator |
| 14 | Task | Set up: Create Project Structure | | Active | Administrator |
| 15 | Task | Create Iteration Plan | | Active | Administrator |
| 16 | Bug | Search doesn't work | | Active | jon |
| 17 | Bug | another | | Active | Administrator |
| 18 | Bug | test bug 1 | | Active | Administrator |
| 19 | Risk | Team Foundation Server | | Active | jon |
| 20 | Quality of Service Requirement | This thing needs to work | | Active | eric |
| 21 | Risk | Complexity of project | | Active | dan |
| 22 | Risk | Work Item Form Creation | 100 | Active | paul |

Transferring data from localhost...



What's left to do?

- View work item details
 - Form rendering based on templates
 - Modify and update existing data
- Add work items
- Optional:
 - Reports
 - File uploads
- Minor details...
 - Form auto-fill and search caching
 - GUI design
 - Aesthetics