Application and Components Summary Table

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 Contribution Percentage: Jagger 50% Rob 50% John Li 0%

| Provider Name | Page and Component Type | Component Description | Resources and Methods Used |
| --- | --- | --- | --- |
| Jagger Lewis-Grenz | Default.aspx and code-behind (Default.aspx.cs) | Main public page for the To-Do List app. Allows users to add, delete, and view tasks. | ASP.NET Web Forms, GridView, Button, TextBox. Data binding to a DataTable. Logic is handled in Default.aspx.cs. |
| Robert Larsen | TaskManager.cs (local class file) | Manages loading, saving, adding, and removing tasks from tasks.xml. | C# helper class using XmlDocument, file I/O, and DataTable to abstract task logic. |
| Robert Larsen | App\_Code/EncryptionHelper.cs (local DLL-style helper) | Provides SHA256 hashing functionality for sensitive strings (e.g., passwords). Input: string; Output: hashed string. | C# static class using System.Security.Cryptography and Encoding.UTF8. Exposed through a TryIt button on Default.aspx. |
| Robert Larsen | Global.asax | Application-level event handler that logs the application start time. | Implements Application\_Start and writes timestamp to App\_Data/log.txt. Demonstrates use of application lifecycle events. |
| Jagger Lewis-Grenz | tasks.xml | XML file used to store task data persistently across sessions. | Auto-created and updated by TaskManager.cs. Stores <Task> entries with <Description> and <IsDone> fields. |
| Jagger Lewis-Grenz | Web.config | Configuration file enabling debugging and setting up the ASP.NET environment. | Standard ASP.NET configuration with <compilation debug="true"> and <customErrors mode="Off">. |
| Jagger Lewis-Grenz | Web Service (optional) | Simple deployed Web Service that returns the current date/time (for TryIt test). | ASP.NET .svc file deployed to WebStrar; returns a string DateTime.Now.ToString() as testable output. |