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| Neelima Saraf |
| CSharp Test Series |
| Multiple choice questions test for C# learners. |

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| Neelima Saraf  1/5/2022 |

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**Product vision**

This is a online assessments tool for C# learners. Users can access their c# skills by taking an online test base for a specific topic and get the test result upon completion of the test.

This product is useful for:

* Students
* Professionals

As of now questions will only covers IAmTimCory video tutorials for C#.

**Project overview**

This is a summary of critical information relevant to the project,

Primary user contacts,

Technologies: Web based application

tools used :

* Visual studio 2022 – Community edition
* SQL server 2019
* Github
* Jira

**Design decisions**

This is an overview of critical decisions related to design and architecture that the team made throughout the project. Document your design decisions throughout other artifacts, such as system overviews and source code.

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|  | Questions | Answers | Additional points |
|  | What will user see on the Home Page |  |  |
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* **Structure: Windows Forms applications and class library**
* **Database: SQL and/or Text file**
* **Users: One at a time on one application**
* **Key concept** 
  + **Email**
  + **SQL**
  + **Custom Events**
  + **Error handling**
  + **Logs**
  + **Interfaces**
  + **Random order**
  + **texting**

Database design

<TODO> insert database design diagram here.

Database tables

TOPICS

|  |  |  |  |
| --- | --- | --- | --- |
| TopicID | TopicName | VideoName | VideoLink |

QUESTIONS

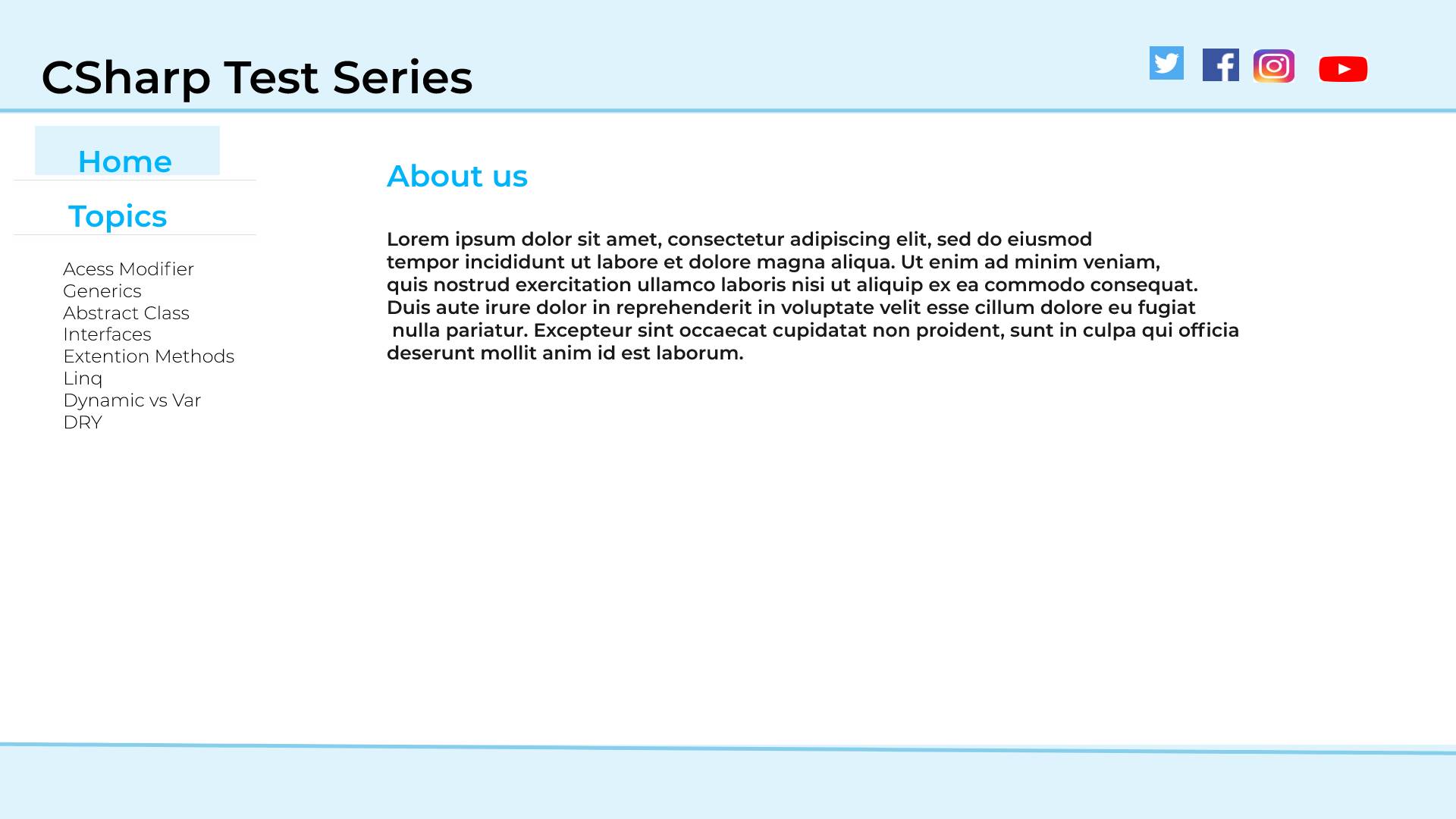
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| --- | --- | --- | --- | --- |
| QuestionID | Question | Answer | TopicID | Explanation |

OPTIONS

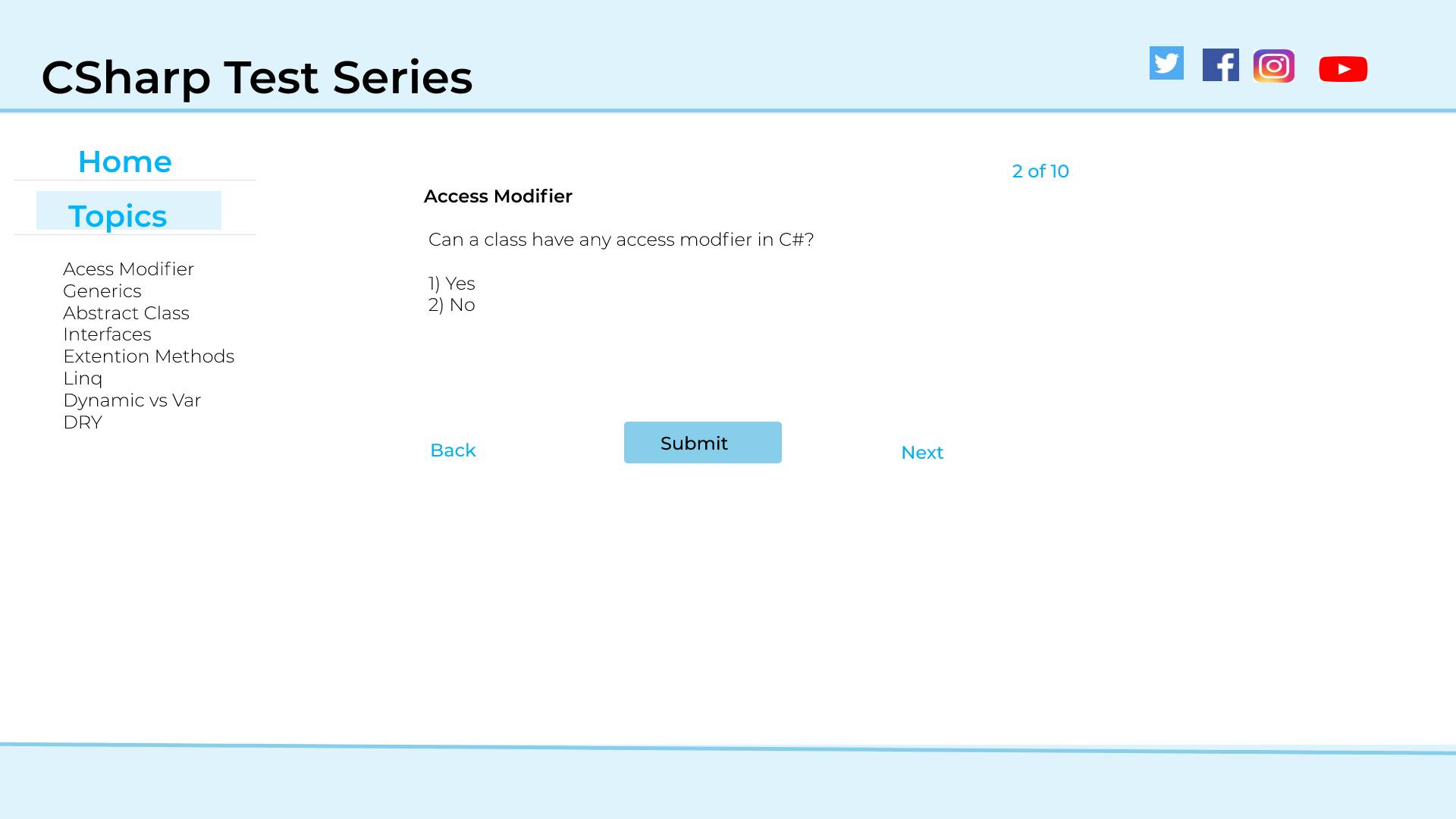
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| OptionID | QuestionID | A | B | C | D |

Website layout:

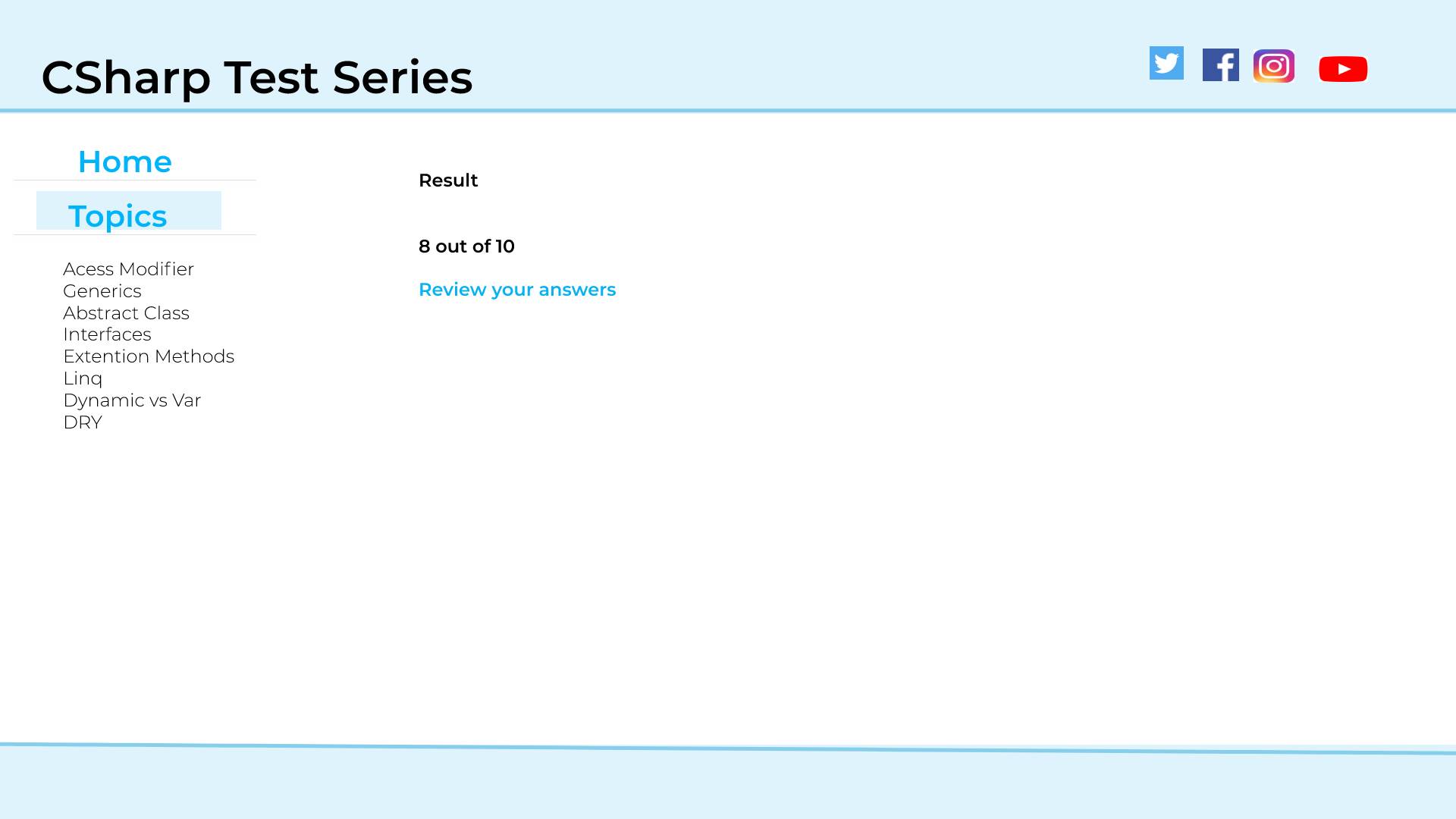
Home Page



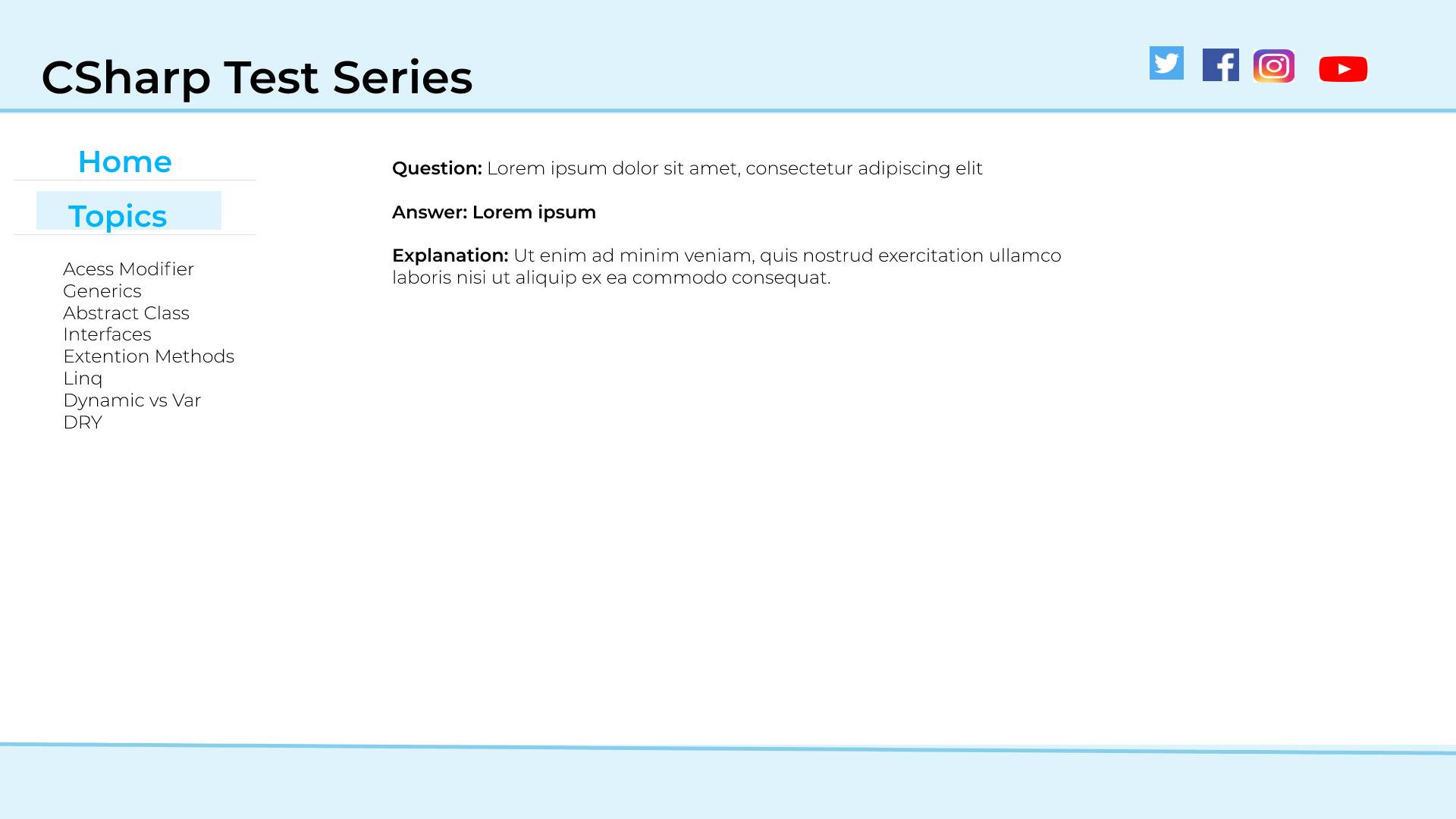
Test Page



Result Page



Review Page:



**Operations documentation**

<TODO start - Delete these lines in the final version>This is usually a description of the dependencies that your system is involved with, references to backup procedures, troubleshooting guidelines, etc. Your operations department likely has a standard format for this type of documentation. <TODO End>

**Provide Github commands here**

**Provide Jira link here**

**Steps to use the application**

[**Requirements documents**](https://www.nuclino.com/articles/product-requirements-document)

It's an overview of what the system does, including use cases, user stories, or essential user interface prototypes, etc. Aim to capture the requirements as executable specs.

**Support documentation**

This includes the training materials specific to support staff, trouble-shooting guides, etc. Like the operations department, the support team may have standard templates or examples that you can work from.

**System documentation**

Provide an overview of the system, including technical architecture, business architecture, and high-level requirements. It helps ensure that if the development team leaves, critical information is left behind.

**User documentation**

t includes reference manuals and support guides for the users. Keep it simple and easy to understand. the solution design is flawed if you need to extensively train your users on how to use it.

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