Ladies and Gentlemen, welcome to our project - Dangers of the Internet.

Why did we choose this subject for our project?

So, with the internet becoming more and more important in our lives it's pretty much essential to know, what kind of risks we may face in our daily surfing routine. And since we are a school, with a focus on IT, Bilal and I thought it'd be crucial for us to know what kind of dangers lurk in the internet and how to protect yourself against them.

Short explanation of our website content

That's why we created a Website, which will try and inform the user about different kinds of malwares. Furthermore, our website will explain the topic ID Theft in detail and to test your knowledge on Malware and ID Theft, we made a small quiz, that covers the basic information from our website. Finally, we made a program in which you can insert any URL and that program will check whether the given URL contains any malicious software.

What did we use to form our project?

- **HTML**
- **CSS**
- **JAVASCRIPT**
- **BOOTSTRAP**
- **LOOKUP API**
- **JSON SERVER**
- **Internet (Information about Malwares, ID Theft, Antiviruses etc.)**

Malware

Currently we have a total of 6 malwares explained in detail, but we plan to expand the amount as time goes by. In addition to explaining the definition of each malware and clarifying what you can do to reduce the encounter with such kind of malware, we recommend antivirus software that will help prevent, search for, detect, and remove the malware.

Protection

Our site will explain to a user that is basically uninformed about antiviruses, what kind of symptoms a pc may have that is infected by a virus. We will also be giving out suggestions that you can do, if your pc really is infected such as deleting temp files, turning on safe mode, running a virus scan and so on.

ID Theft

The second topic on our website is Identity Theft, which is arguably scarier than the last, considering the devastating effects it can have on its victims.
We explained most of what needs to be known about ID theft in a blog, stuff like definitions, how it works, and what can be done to prevent it.
There is also a link on Phishing that leads to another blog post that explains it in similar fashion.

Quiz App

Our Quiz was created with information from our website. So if you read it thoroughly, you should be able to answer every question.

This basic Quiz App will test your knowledge by giving you 3 questions that you will have to answer correctly. After finishing the quiz you'll receive a score ranging from 0 to 1000. You get 100 points for each correct answer.

CheckURL

Last but not least we implemented an API that lets you check whether the given URL contains any malicious software. The API that is being used is called Lookup API by the Google Cloud Web Risk-Service. The URL that is being inputted will be compared to the continuously updated List of malicious URL Links that Google has. The list contains over one million URL links and checks many billion links daily.