Introduction

3.1 Introduction

+ **Web applications** are applications running on **web servers** and accessible via web browsers.

+ Many people interact with web applications every day, as currently, almost every website on the Internet includes some kind of **intelligence** in its web pages.

+ The intelligence could either be on the client side or the server side.

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+ The web app world is extremely **heterogeneous**. Every web application is different from others because developers have many ways to accomplish the same task.

+ As paraphrased from Stan Lee, *"with great flexibility comes great power of messing things up"*.

+ In other words, having flexibility in web app development also means having flexibility in creating insecure code.

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+ To understand web application security, you need to know some web application fundamental aspects:

| HTTP Protocol Basics | Cookies | Sessions | Same Origin Policy |