# Mina Abadeer

**April 10, 2023**

**Project Two: Security Policy Presentation**

**https://youtu.be/o7xKAzSv8cc**

Complete this template by replacing the bracketed text with the relevant information.

| **Slide Number** | **Narrative** |
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| **1** | Hello, my name is Mina Abadeer and I am a developer at Green Pace |
| **2** | Today, I will discuss our new security policy at Green Pace. Our main goal in Green Pace is to create and develop a highly secure code. All our codes follow code securing code principles, encryption and Triple-A structure. We also uses depth in defense principles in our code and add multiple layers of security to the code. |
| **3** | In this slide you can see the a threat matrix for 10 of code standards. The threat matrix show the risk level of each rule and the cost of fixing the errors.  Each rule is assessed based on the severity, likelihood and priority. |
| **4** | In this slide, you will see the top securing code principles and their relations to our code standards |
| **5** | Here are our top 10 code standards |
| **6** | Encryption plays an important rule in any code, so I want take a moment to describe the different types of encryption |
| **7** | Another main player in our code security is the Triple-A structure |
| **8** | Next, I will move to unit testing. In this example, we check the vector is empty or not then we add entry and re-check the vector again. The test is a positive test |
| **9** | The test checks if there are five values got added to the collection or not and it is another positive test |
| **10** | The next test checks if the collection size got increased or not. In this test we add some entries and increase the size, then check the new size. |
| **11** | The test is negative test to check the size of the input user and ensure it is less than 10 or equal. |
| **12** | Here is our diagram for Dev Sec Ops which links pre production to production and development team to the security team |
| **13** | DevSecOps plays an important role in our code security. Automated testing tools, compliers and debuggers are some DevSecOps tools we use in our company. |
| **14** | In Green Pace, we believe that security is the first step in developing any code, so we believe that security can’t be left till the end. Analyzing risks and repeated testing protect our code and prevents any future threats. |
| **15** | We always recommend using automated testing tools and multi factor authentication methods besides sanitizing the code and validating inputs |
| **16** | Finally, using securing code principles and following our code standards always saves us tons of future issues and bugs. Also, using zero trust principle and repeated testing maximize the code security |
| **17** | Here are my references for this presentation, please let me know if you have any questions. Thank you |