# Proactive Approaches to Security

Using the table below as a guide, research proactive approaches to security in a software development context. Provide a description along with benefits/constraints. Where possible, include real world examples. Add rows for any additional approaches you find along the way.

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| --- | --- | --- | --- |
| Approach | Description | Benefits/Constraints | Examples |
| Secure development lifecycle |  |  |  |
| Defensive programming |  |  |  |
| Test creation and execution |  |  |  |
| Permission setting and role-based access |  |  |  |
| Physical Infrastructure and security |  |  |  |