This is an example of how Jinja2 variables can be used in a Word template to dynamically drop-in information and generate tables.

# {{ project.name }}

Automated report output from Ghostwriter for the {{ client.name }} ({{ client.short\_name }}) {{ project.type }}.

## Assessment Points of Contact & Stakeholders

Table – {{ client.name }} Points of Contact

|  |  |  |
| --- | --- | --- |
| Name | Role | Email |
| {%tr for poc in client.contacts %} | | |
| {{ poc.name }} | {{ poc.job\_title }} | {{ poc.email }} |
| {%tr endfor %} | | |

Table – {{ company.name }} Points of Contact

|  |  |  |
| --- | --- | --- |
| Name | Role | Email |
| {%tr for member in team %} | | |
| {{ member.name }} | {{ member.role }} | {{ member.email }} |
| {%tr endfor %} | | |

Table – Domain Names Used for Assessment Activities

|  |  |
| --- | --- |
| Domain Name | Role |
| {%tr for domain in infrastructure.domains %} | |
| {{ domain.domain }} | {{ domain.activity }} |
| {%tr endfor %} | |

Table – Servers Used for Assessment Activities

|  |  |  |
| --- | --- | --- |
| IP Address | Purpose | Role |
| {%tr for server in infrastructure.servers %} | | |
| {{ server.ip\_address }} | {{ server.activity }} | {{ server.role }} |
| {%tr endfor %} | | |
| {%tr for server in infrastructure.cloud %} | | |
| {{ server.ip\_address }} | {{ server.activity }} | {{ server.role }} |
| {%tr endfor %} | | |

Table – Summary of Findings

|  |  |
| --- | --- |
| Finding | Severity |
| {%tr for finding in findings %} | |
| {{ finding.title }} | {% cellbg finding.severity\_color %}{{ finding.severity }} |
| {%tr endfor %} | |

There are numerous Jinja2 filters available within templates. Ghostwriter also has some custom filters (see the wiki). The above template looks like this with the filter\_severity filter:

|  |  |
| --- | --- |
| Finding | Severity |
| {%tr for finding in findings|filter\_severity([“Critical”, “High”]) %} | |
| {{ finding.title }} | {% cellbg finding.severity\_color %}{{ finding.severity }} |
| {%tr endfor %} | |

{% for finding in findings %}

{{ finding.title }}

**Severity – {{ finding.severity\_rt }}**

#### Affected Entities

{{p finding.affected\_entities\_rt }}

#### Description

{{p finding.description\_rt }}

#### Impact

{{p finding.impact\_rt }}

#### Mitigation

{{p finding.recommendation\_rt }}

#### Replication Steps

{{p finding.replication\_steps\_rt }}

#### References

{{p finding.references\_rt }}

{% endfor %}