

## Project Purpose

Implement a reusable framework to automate a multiuser load test to catch load related issues earlier in a test cycle.

## Key Responsibilities

### Technical

- Work with a project manager to define functionality, scope milestones and interact with other teams within the business
- Research the tools and technologies required
- Automate a multi user load test through manufacturing an appliance with a build of OSM and execute a configurable number of concurrent user sessions
- Design and develop a reusable framework where user sessions can be simulated with differing Vision parameters
- Undertake verification and testing including monitoring the device under test for performance metrics
- Prepare documentation to support the project including, review, analysis of data, and end report

### Organization

- Complete administrative tasks in an accurate and timely manner
- Comply with and ensure safe working practices of self and others in accordance with Health and Safety Procedures
- Observe and comply with developing policies procedures, strategy and quality management systems
- Positively support effective communication, provide constructive feedback
- Support and promote Endace's overall organizational vision, values and culture
- Assist with the selection of approaches, methods and/or services as required
- Any other reasonable duties as required

## Competency Profile

### Technical

- A specialisation in Computer Science, Software Development/Engineering
- Experience with scripting languages such as Python or Bash
- A sound understanding of Linux
- Knowledge of web technologies
- Exposure to Docker
- Knowledge of Selenium and Robot Framework is desirable but not required,

### Core

Interpersonal Skills	Understands the attitudes, interests, needs and perspectives of others.  Listens carefully and non-defensively to various points of view whether or not they agree with these.
Achievement Drive and Energy	A drive for success and perseuse results. Is action oriented and pursues things with energy and drive.  Dedicated, committed, enthusiastic, positive and motivated.
Planning, Organising and Prioritising	Undertake set work plans that have localised impact. Keeps a view of department priorities.

Communication Skills	Able to communicate logically, clearly, effectively and confidently at all levels. Listens intently and ensures other party feels they have been heard and understood.
Tolerance to Ambiguity	Is able to draw together conclusions from incomplete evidence and data seeking guidance if required.

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<b>Date:</b>	August 2022	<b>Project:</b>	Automation of Multiuser Load Testing
<b>Title:</b>	Engineering Intern	<b>Level:</b>	Intern
<b>Position Reference:</b>	2022/2023 Internships	<b>Employment Status:</b>	Fixed Term
<b>Department:</b>	QA	<b>Hours:</b>	Fulltime
<b>Physical Location:</b>	Hamilton	<b>Budget Level:</b>	NA
<b>Responsible to:</b>	Project Manager	<b>Team Leadership:</b>	Nil