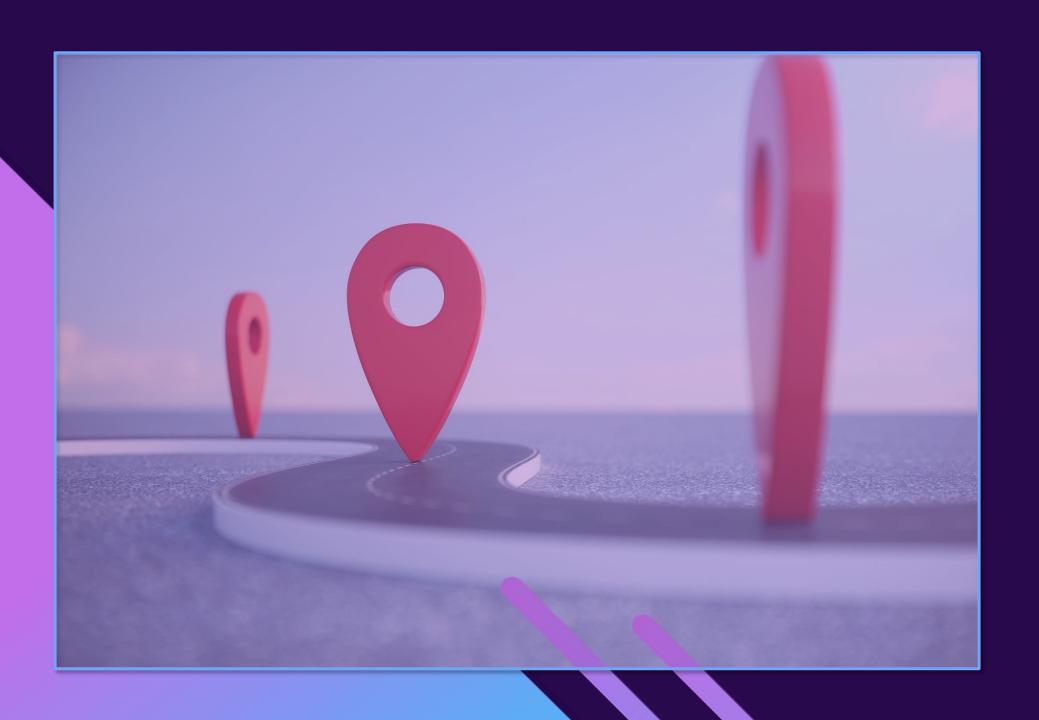
ENHANCING INCLUSION AND DIVERSITY

in NATO's Education and Training with Advanced Al Technologies.

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Overview



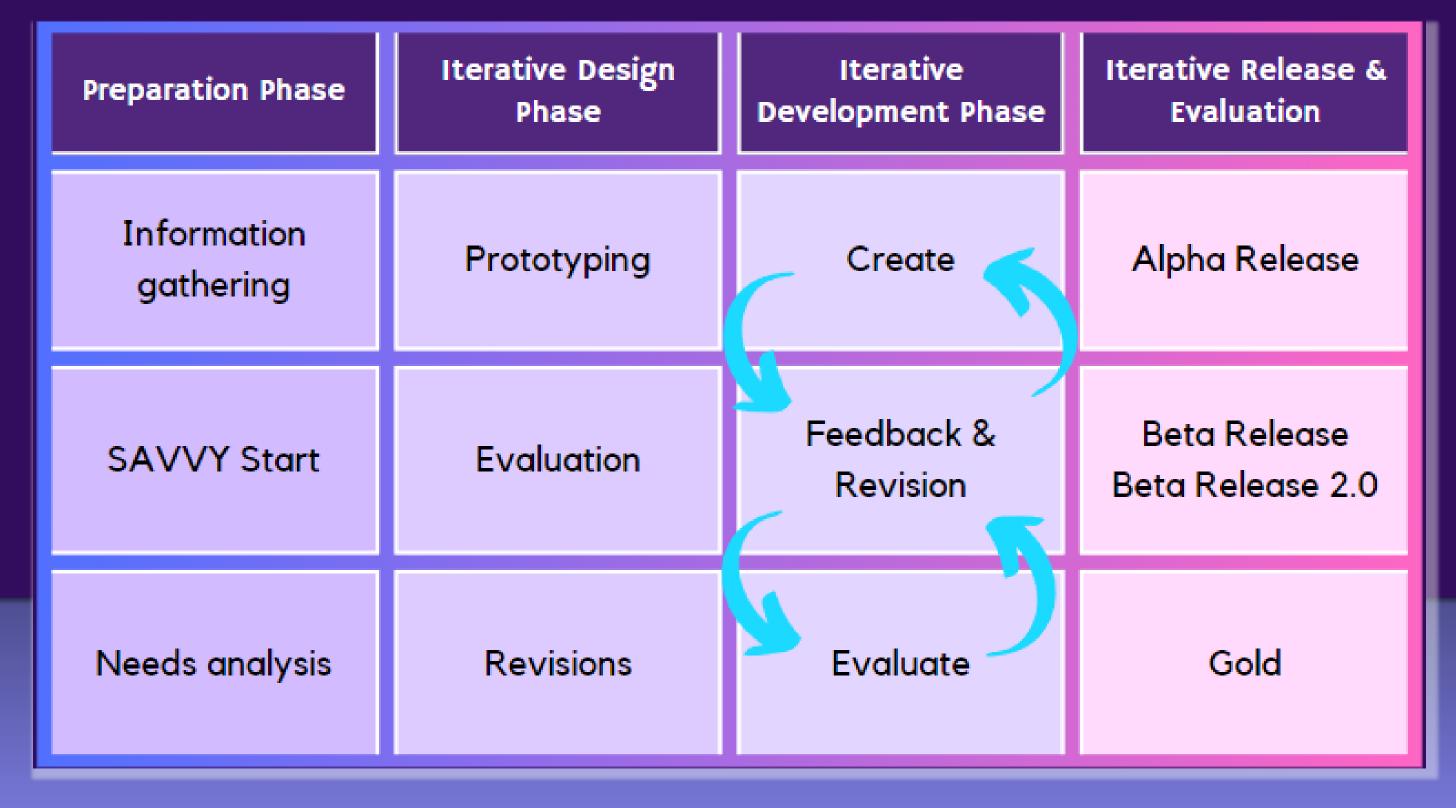
In our roadmap, we challenge NATO to imagine a world where NATO is strengthened through interpersonal skills and a diverse and inclusive learning environment.

By using advanced AI technologies, NATO can...

- Develop dynamic simulations
- Challenge learners' beliefs and strengthen interpersonal skills
- Grow community relations between NATO and its allies

• • • Our Approach: Rapid Prototyping • • •

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SUCCESSIVE APPROXIMATION MODEL (SAM)

••• SAM - A Closer Look •••

PREPARATION

What occurs:

- Holistic review of AI literature
- Targeted research on AI technology for interpersonal training
- Form Savvy Start working group

Rationale:

- Ensures designers and stakeholders operate with efficiency
- Ensures NATO stakeholders and learners are consulted during the design process

ITERATIVE DESIGN

What occurs:

 ID's work with SME's and apply information from the Savvy Start group to develop project timelines, budgets, and assign tasks.

Rationale:

- Creates multiple prototypes in a short amount of time.
- The remaining prototypes serve as backups.

ITERATIVE DEVELOPMENT

What occurs:

- Engage in a cycle of development, feedback, and evaluation.
- Each piece of product is created and undergos preliminary evaluation.

Rationale:

- Opportunities for successive feedback and evaluations.
- Stakeholders and end-users preview content early in the process.

LERATIVE RELEASE & EVALUATION

What occurs:

- Alpha Release
- Beta Release
- Beat Release 2.0
- Gold Release

Rationale:

- Mitigates associated implementation risks with multiple prototypes
- Releases broaden after a series of evaluations and revisions

••• NATO's Objectives •••

04

Be scalable, adaptable, and capable of addressing the diverse learning needs of NATO personnel.

03

Facilitate remote,
asynchronous learning and
ensure accessibility.

Enhance learning efficiency and effectiveness.

Improve decision-making skills through the use of sophisticated simulations or scenarios.

Be scalable, adaptable, and capable of addressing the diverse learning needs of NATO personnel.

Our Solutions

Objective 1

- AI-driven Personalized learning paths
- Augmented and virtual reality
- Cloud-based platforms

The Result:

Exposure to cultures around the world and strong interpersonal skills.



Facilitate remote, asynchronous learning and ensure accessibility.

Our Solutions

Objective 2

- 100% asynchronous
- AI translation
- Cloud-based platforms

The Result:

Trainings are scalable with immediate feedback and include languages from around the world.



Enhance learning efficiency and effectivness.

Our Solutions

Objective 3

- Predictive AI matches learners to their ZPD
- Personalized scenarios
 with chatbot-like tutors
- Performance analytics

The Result:

Training is adapted to learners' needs and strengths, leading to more efficient and effective training.



Improve decision-making skills through the use of sophisticated simulations or scenarios.

Our Solutions

Objective 4

- Team-based simulations
- Predictive AI
- Conversational AI avatars

The Result:

Interactive simulations that enhance decision-making skills as a team.



Potential Scenario

AI-DRIVEN TEAM SIMULATION

Goal: collaborate as a team to develop a plan to boost NATO's cyber defenses with international allies.



- Conversational AI avatars
- Predictive AI
- Natural LanguageProcessing
- AI-driven simulation



As a team, learners are immersed in a scenario where they must coordinate a plan to boost NATO's cyber defenses with international allies.

They must be efficient and carry out potential diplomatic relations.



Results

- Increased collaboration
- Stronger interpersonal skills.
- Confidence in carrying out diplomatic relations.
- A potential solution to increased cyber defenses.



Skills

- Collaboration
- Interpersonal skills
- Communication
- Problem-Solving



Questions & Feedback