

Complex project plan of approach

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2 Background

2.1 Organization

2.1.1 The Launch of a Unique Knowledge Center

Many organizations have long been dedicated to an integrated approach to combating undermining. Each, drawing on its own expertise, possesses valuable knowledge and data. The real strength lies in combining this knowledge and data, which offers opportunities to gain deep, new, and supplementary insights. The Strategic Knowledge Center on Undermining Crime (SKC) was established precisely for this purpose.

The purpose of the SKC is to gather and interpret information and knowledge for a problem-oriented approach to combating undermining by organized crime, in order to prevent social disruption. With this goal, and thanks to its analytical expertise and connecting capacity, the SKC aims to make the Netherlands more aware, safer, and more resilient.

2.1.2 The SKC within J&V: Independent and Policy-Neutral Analyses

The SKC, based in Vlissingen, is part of the Ministry of Justice and Security, with the Directorate-General for Undermining (DGO) as the coordinating client. The SKC produces independent analytical products on the undermining activities of organized crime.

These products are policy-neutral: they do not contain advice or recommendations, nor do they evaluate existing policies. SKC publications are intended for officials involved in strategy and policy development for the integrated approach to combating undermining.

2.2 Products

2.2.1 Ambition and Composition of the SKC

The SKC delivers leading analytical products on the undermining activities of organized crime. It creates distinctive value by:

- providing strategic insights,
- conducting (inter)national research,
- consolidating the knowledge of organizations
- analyzing data on complex issues related to undermining.

The SKC complements other organizations and does not assume their responsibilities or authorities. It leverages its unique position as a public service provider for independent analyses. This enables collaboration with security organizations, knowledge and educational institutions, and partnerships involved in combating undermining.

Key partners include: Clingendael, Insight Crime, Global Initiative, The Hague Centre for Strategic Studies, HZ University of Applied Sciences, University College Roosevelt, and Erasmus University Rotterdam. The SKC continues to seek new partners to expand its network and further enhance the value of its analyses.

Analytical products at the SKC are created by a multidisciplinary team of researchers, analysts, data scientists, strategic advisors, communication and visualization specialists, and liaisons from partner organizations (Public Prosecution Service, Police, Royal Netherlands Marechaussee, Customs, Tax Authorities, and FIOD). To maximize the team's effectiveness, the SKC fosters a progressive, positive, and innovative culture.

2.2.2 Core and Additional Research

In addition to the DON (National Threat Assessment on Undermining Crime), the SKC conducts other research in the form of international and thematic studies. These studies also serve as input for the core product, the DON.

The first two thematic studies focus on:

1. Youth
2. Criminal Influence through Corruption, Infiltration, and Violence.

The international studies aim to provide an overview of the main developments in organized crime that pose risks to Europe and the Netherlands. These geographic studies together create a picture of the scale of criminal networks and form the international foundation of the DON.

The SKC has already completed and published the *Transatlantic* and *Eastern Europe* international studies. It is currently conducting studies on Europe, Africa, and Southeast Asia. Each geographic study provides a thirty-year retrospective on the development of organized crime, focusing on criminal networks and the flow of goods, finances, and communication/information.

Annual updates of these international studies are based on the monitoring of information, data, and knowledge sources using data science. This approach is exemplified by the first SKC update that has already been published: *A Strategic View on the Dynamics of the International Drug Market*.

2.2.3 SKC Publications

The DON, international studies, and thematic studies are compiled from publicly available sources. The SKC's approach is to bring together current, expert, and reliable insights that contribute to a comprehensive and dynamic understanding of undermining by organized crime.

When preparing the DON:

- no privacy-sensitive data is processed
- operational information such as personal data is excluded
- case examples consist of abstracted information where specific details remain unknown to the SKC.

When requesting information from organizations or partnerships, the SKC assumes that the data may be used for the public threat assessment or related studies, with proper source attribution.

2.3 Existing solutions

3 Problem and goals

This chapter is going to describe problem that the company is facing and why is that so. Chapter will continue with proposition of how this problem can be solved.

3.1 Problem

The company's employees are collecting information from various publicly available documents, which are processed through two routes.

In the first route, metadata and information such as author, publication year, and other details are processed, collected, and stored through internal software. This tool uses large language models to generate insights about the documents, which are then stored in the internal database. However, the tool is still under active development and is not yet fully utilized.

The second route involves the manual intake of documents. In this process, analysts use an Excel spreadsheet to write short subjective summaries of the documents. While the spreadsheet is well organized, the growing number of processed documents makes it increasingly difficult to search for specific phrases and trace them back to the original documents.

According to the project's main stakeholders, navigating complex Excel tables has become time-consuming and error-prone. Therefore, developing a coherent online tool would greatly benefit the organization.

3.2 Project and solution

The project aims to create a reliable solution that abolishes the current system of compiling information through excel sheets.

The main focus will be to create an intuitive application that boasts a comprehensive user interface that aims to streamline the process of compiling information for the analysts and data engineers of the Strategic Knowledge Center of Undermining Crime (SKC).

4 Learning outcomes

4.1 Analysis

4.2 Available solutions

4.3 Proposed solution

4.4 Advice

5 Timeline

References