



AIRP: AI-based domain- specific business solutions for SMEs

Mehmet Eyupoglu

2022719066

SWE523 – MANAGING SOFTWARE DEVELOPMENT

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01

Problem Statement

What led me to find a solution

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Problem

- SMEs make up the 98% of most of the national economies. However, they are limited in terms of financial & human resources to keep the organization neat
- Data-driven management is rare in SMEs due to lack of data collecting capacity/ability
- Of-the-shelf ERPs are usually too generic or not for SMEs
- Mobile access is not a common practice in traditional ERPs



02

Solution

Techniques, tools, etc

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Solution

- Built-in data collection solutions (forms etc.)
- Domain specific solutions that address the majority of the issues in a specific industry
- Instant access to data through mobile solutions
- AI technology exploitation to boost autonomous company management





03

Innovative Aspects

What is new?

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Innovative Aspects

- Domain specific solutions addressing certain industry
- Data collection is facilitated with AI
- Company specific data is processed with AI
- AI acts as assistant to management





04

Market Research

Competitors & existing solutions

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Market Research

Technical Specifications	Project Output	SAP	Logo Starter	DIA	Monday .com	LIOX	Mikro	Puma
<i>Industry Specific Solutions</i>	<i>Industry-specific forms & workflows, pre-built tools for common tasks.</i>	No	No	Partly	No	Yes	Yes	Yes
<i>AI trained on company specific data</i>	<i>Automate data entry, generate reports & insights based on company & industry data.</i>	No	No	No	No	No	No	No
<i>Industry Specific News</i>	<i>LLM gathers & analyzes industry-specific news for users to explore.</i>	No	No	No	No	No	No	No
<i>SMEs as target group</i>	<i>Targets small & medium businesses for efficient data management.</i>	No	Yes	Yes	Yes	No	Yes	Yes
<i>Cloud solution</i>	<i>Web app hosted in the cloud for easy access & scalability.</i>	Yes	Yes	Yes	Yes	Yes	Yes	Partly



05

Financials

Costs, national economic contributions

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Financials (Costs)

- Work packages (6) with 4 personnel cost ₪ 2.532.750,00
- Travel expenses cost ₪ 132.500,00
- Software & equipment cost ₪ 397.520,00
- **Total Cost ₪ 3.062.770,00**





Financials (National Economic Contribution)

- ₪ **4.000.000,00** of domestic sales are expected within the next 12 months that follow the first sale
- ROI is expected to be no more than 18 months
- Within the five years, ₪ **500.000.000,00** of savings are expected in the SMEs that use AIRP.
- Around **40** direct (within our prospective company in the next 5 years) employment are expected
- Around **200.000** indirect employment is expected



Thanks!

Do you have any questions?

mehmet.eyupoglu@std.bogazici.edu.tr

+90 553 173 19 91

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