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HelixTR
Flexible Trademark Retrieval powered by AI

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General-purpose search engines are not suited for specialized search, such as, Trademark Retrieval

Flexible Trademark Retrieval powered by AI:

- to target a niche market, that of, trademarks legal registration and monitoring,
- to address digital in-use validation (i.e., common-law in the US), hence, filling in a gap in modern search engines' offer,
- to enable making use of different goods and services classification schemes in a flexible and unified manner (e.g., WIPO's NICE classes vs. China’s trademark subclass system), and
- to empower Search and Watch Analysts of Trademarks around the World
Dent-in Tech Solutions sprl

- Born in Brussels (just like TinTin) in October 2018
- Specializes in (among others):
  - AI/NLP Consultancy
  - Text/Data Analytics
- URL: www.dent-intech.com
- Currently on a quest towards its first product...
Main Goal: *to develop a flexible trademark retrieval platform powered by AI*

**Four main lines of work** (with work packages therein):

1) AI/NLP (relevancy scores, AMR/morpho-/phoneme parsing)
2) Data Collection and Unification (main registers, goods/services classification systems - NICE, China’s subclass system - lexicons)
3) IR (Crawling/Search Engine Solution - Solr/Elasticsearch/Nutch)
4) SW (infrastructure, repos, CI, QA - Spring 5.0)
**Outcome:** The niche market of trademark searching and watching is met.

**Servicing clients such as:**

- International IP protection agencies (e.g., WIPO)
- Law firms specializing in trademark registration and monitoring
- Other players in the field

**Proposed duration 30-36 months.**
Potential Consortium:

- **Dent-in Tech Solutions** (Belgium): Specialized AI/NLP parsing
- TBC: **University** (Germany): IR research
- TBC: **Company2** (Romania): Software/Spring Boot
- TBC: **Company3** (USA): Elasticsearch/Solr/Nutch
- TBC: Anyone interested? (ideally with expertise in IP/trademarks)
Contact Info

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