ENSTA Paris
École Nationale Supérieure de Techniques Avancées

IA301 Project Report
Future Career Recommendation

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1 MIRO

A *Basics*

A.1 Ontology name: Future Career Recommendation (FCR), v1.0.0

A.2 Ontology owner:

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A.3 Ontology license: Creative Commons Attribution 4.0 International License

A.4 Ontology URL:

A.5 Ontology repository: https://github.com/kvnsnchz/fcr

A.6 Methodological framework:

B *Motivation*

B.1 Need name:

B.2 Competition:

B.3 Target audience:

C *Scope, requirements, development community*

C.1 Scope and coverage:

C.2 Evelopment community:

C.3 Communication:

D *Knowledge acquisition*

D.1 Knowledge acquisition methodology:

E *Ontology content*

E.1 Knowledge Representation language:

E.2 Development environment:

E.3 Incorporation of other ontologies:

E.4 Entity naming convention:

E.5 Identifier generation policy:

E.6 Entity metadata policy:

E.7 Upper ontology:

E.8 Ontology relationships:

E.9 Axiom patterns:

F *Managing Change*

F.1 Sustainability plan:

F.2 Entity deprecation strategy:

F.3 Versioning policy:

G *Quality Assurance*

G.1 Testing:

G.2 Evaluation:

G.3 Example of use:

G.4 Institutional endorsement:

G.5 Evidence of use:

2 Class Reference (Provisional Title)

A *Person*

A.1 Student

A.2 NonProfessional

A.3 Professional

B *Employment Status* [**?**]

B.1 Unemployed

B.2 Employed

B.2.1 Self-Employed

B.2.2 Employee

B.2.3 Worker

C *Background*

C.1 Skill

C.1.1 SoftSkill

C.1.2 TechnicalSkill

C.2 Knowledge

C.3 Experience

C.3.1 ProfessionalExperience

C.3.2 Volunteer Experience

C.4 Hobby/Interesst [**?**]

C.4.1 EducationalHobby

C.4.2 CompetitiveHobby

C.4.3 GeneralHobby

C.4.4 ObservationHobby

- C.4.5 CollectionHobby
- C.5 EducationLevel
  - C.5.1 PrimaryEducation
  - C.5.2 SecondaryEducation
  - C.5.3 HigherEducation

D *Job/Profession*

E *JobResponsibility*

F *JobTask*

G *JobType*

- G.1 EmploymentType
  - G.1.1 Full-Time
  - G.1.2 Part-Time
  - G.1.3 DynamicSchedule
- G.2 LocationType
  - G.2.1 Remote
  - G.2.2 OnSite
  - G.2.3 Hybrid
- G.3 ContractType
  - G.3.1 Internship
  - G.3.2 Associate Position
  - G.3.3 Freelance
  - G.3.4 Permanent contract
  - G.3.5 Fixed term contract

H *Enterprise Size* [**?**]

- H.1 SME (<1000 employees)
  - H.1.1 Micro
  - H.1.2 Small
  - H.1.3 Medium
- H.2 Large Entreprises

I *Enterprise Scale*

- I.1 Regional
- I.2 National
- I.3 International

J *Sector* [**?**]

J.1 Energy

J.2 Materials

J.3 Industrials

J.4 Consumer Discretionary

J.5 Consumer Staples

J.6 Health Care

J.7 Financials

J.8 Information Technology

J.9 Communication Services

J.10 Utilities

J.11 Real Estate

K *Location*

K.1 Country

K.2 City

K.3 *Educational Institution* [**?**]

K.3.1 EarlyChildhoodInstitution

K.3.1.1 Preschool

K.3.1.2 Kindergarten

K.3.1.3 Nursery

K.3.2 PrimaryInstitution

K.3.2.1 ElementarySchool

K.3.2.2 MiddleSchool PrimaryPart

K.3.2.3 ComprehensiveSchool

K.3.3 SecondaryInstitution

K.3.3.1 SecondarySchool

K.3.3.2 HighSchool

K.3.3.3 MiddleSchool SecondaryPart

K.3.3.4 UpperSchool

K.3.3.5 Academy

K.3.3.6 UniversityPreparatorySchool

K.3.3.7 BoardingSchool

K.3.3.8 Gymnasium

K.3.3.9 Lyceum

K.3.4 FurtherHigherEducationalInstitution

K.3.4.1 College

K.3.4.2 InstituteOfTechnology

K.3.4.3 GraduateSchool

K.3.4.4 University
K.3.4.5 Seminary
K.3.4.6 GrandeEcole
K.3.4.7 ResearchLaboratory