


کد سند: RO-S-F-28-02	معاونت پژوهشی	
تاریخ صدور: ۱۳۹۹/۴/۲۲		
تاریخ ویرایش: ۱۳۹۹/۵/۱۵	فرم خلاصه انگلیسی طرح/پروژه	

Project Title: Second phase of Huceptron System Implementation: social network of experts' part

Department:	Department of Foresight and Policy Research	Employer:	Niroo Research Institute
Project/Program Manager:	Hamid Reza Afzali	Executor:	Masoud Hasani
Project Financial Code:	172104	Project Quality Code:	PPRPN04
Type of Project/Program:	Policy Research	Assistant:	Research

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Keywords:

- Social network of experts'
- Expert participation
- Governance model
- Knowledge sharing
- Decision making

Project Necessity:

According to the policies of the Sixth Development Plan announced by the Supreme Leader, the creation and development of knowledge-based organizations is an important task for the executive apparatus.

Project Goals:

Implementation of social network platform for having experts' participation in root cause analysis of and finding solutions for industry problems.

Abstract:

Based on Gartner model, the Huceptron system will empower the group to analyze current industry situation and forecast future through knowledge integration. With equipping the system to intelligent systems at the next step, this will act as a platform for another intelligent system that prescribe appropriate policies for NRI and energy industry.

Steps and Methodologies:

Phase number	Title/description
1	Designing experience sharing platform: <ul style="list-style-type: none"> • Designing an appropriate platform for sharing the knowledge of experts and institutions related to the power industry, if the opinions and experiences of all stakeholders are used to make important decisions, 1-1 Identifying existing platforms, programming languages, platforms, etc. 1-2 Prioritize identified platforms and select the appropriate platform 1-3 Designing tools of the social network
2	Development of necessary systems and mechanisms: 2-1 Develop the necessary systems and mechanisms to attract stakeholder participation, 2-2 Develop the necessary systems and mechanisms to converge the decisions of stakeholders and use them to make better decisions,
3	3 design of tools in the social network: 3-1 Implementation of related software at the level of Niroo Research Institute 3-2 Software testing 3-3 Experimental implementation for one of the problems of the power industry

Main Results (technical outputs, patents, papers, books, reports, etc.):

- Technical report
- Software of social network