



Bilkent University
Computer Engineering Department
CS 491 Senior Design Project I

Assessment of Innovation Form

ID and Title of the Project: T2430 , InvestmentHelper-AI

Team Member IDs: 22102512 - 22102293 - 22102436

Name of the Supervisor: Özgür Salih Ögüz

Below questions needs to be filled by the Innovation Expert

Considering the definition of innovation as "creation of better or more effective products, systems, services, or technologies that have the potential to be accepted by markets, governments, and society", please assess the innovativeness of the design project with below questions.

1) The project and subject that is proposed and presented to you is:

Criteria	Poor	Unsatisfactory	Satisfactory	Good	Outstanding
Technically feasible:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
You see enough market demand:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Development planning is done well	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enough research done for marketplace and competitors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Delivers enough value or solves a real problem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2) What is the nature of the innovation you see in this project? Do you have any suggestion to improve converting the knowledge and idea of the subject more into benefit and value?

The innovation lies in its use of AI-driven financial analysis tailored to the Turkish stock market, integrating real-time news and predictive analytics. To enhance its value, incorporating personalized investment advice based on user risk profiles and integrating more localized economic indicators could make the platform more user-centric and actionable.



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2) Are there any unaddressed risks that team members need to consider during implementation?

AI predictions trained on historical stock data may struggle to adapt to novel or rare market conditions. Additionally, reliance on external data sources for real-time news analysis introduces risks related to data latency, inconsistencies, or biased information, which could affect the accuracy of predictions. Ensuring model robustness and validating external data quality are key to mitigating these risks.

3) Any suggestions while shaping go to market strategy?

For the go-to-market strategy, the project team may focus on targeting early adopters in the Turkish investment community through partnerships with financial institutions, offering premium features such as personalized AI-driven stock recommendations and real-time alerts for market fluctuations.

Innovation Expert

Name: Murat Kalender.....

Date: 24 / 10 / 2024.....

Signature: .....

Final Expert Score:.....5..... (out of 5)

*Scale:
(1) Poor, (2) Unsatisfactory, (3) Satisfactory, (4) Good,
(5) Outstanding*