



## Assessment of Innovation Form

---

ID and Title of the Project: T2404-Plutos Equities

---

Team Member IDs: 22103277, 22102544, 22103729, 22101850, 22102310

---

Name of the Supervisor: Halil Altay Güvenir

---

*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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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?

---

This ambitious project aims to develop a comprehensive forecasting framework specifically for large-cap, publicly traded companies. Its competitive edge lies in defining a focused scope and effectively calibrating diverse data sources to enhance accuracy. The project tackles the complex challenge of integrating historical time series data, fundamental metrics, sentiment analysis, and company-specific news into a unified, actionable model.



Bilkent University  
Computer Engineering Department  
CS 491 Senior Design Project I

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

---

Yes, the project addresses a difficult problem that requires a sophisticated modeling framework. The open-ended nature of financial forecasting presents a significant challenge, as developing a successful forecasting model in this field is rather complex and arguably unachievable with high accuracy due to its reflexive nature. Additionally, the team will encounter challenges in sourcing high-quality, comprehensive data, which is essential for training models robustly and producing meaningful predictions. Balancing data breadth, relevance, and consistency will be critical to the model's success.

**3) Any suggestions while shaping go to market strategy?**

---

Delivering a high-quality solution with a targeted focus is far more effective than providing a broader solution of mediocre quality. The team should adopt an iterative approach, actively seeking feedback and engaging industry professionals to test the product and provide valuable insights for improvement.

**Innovation Expert**

Name: Eren Biri

Date: 25 / 10 / 2024

Signature:.....

**Final Expert Score:...4.2... (out of 5)**

*Scale:*

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