**Project Outline**

**Group name:** cool

**Group Member:** BIHAN SHEN z5089652, Ivan Li z5222376, Yixuan Wang z5302940, Yifan XIAO z5111227, Wenyan REN z5188905

**Objective of Analysis - 100 words (all memebers)**

* Construct a "competitive" national team through analysis and research
* Analysis on effects and risks

**Team Selection -1000 words: (all members)**

* 4 positions: DF-8,GK-3,FW-7,MF-6
* Design a scoring model with the data of performance metrics: clearly defining the criteria, facilitate the ranking procedure for team selection, formulating the scoring system and associated success rates. (e.g. classification model: 1 for top 10 in FSA, 0 otherwise, find factors affect the classification, get probabilities etc.)
* Calculate the potential revenue and expense, and make a general budget.

**Economic Impact - 200 words (Wenyan, Bihan)**

* Estimate future revenue and expenses based on other countries’ football teams capability
* Analyze the short-term impact on the Rarita's GDP: considering the current revenue and expense with the assumption that the soccer team is kind of competitive currently.
* Analyze the impact of this implementation on the Rarita's long-term economy: considering both the soccer industry and other related industry.

**Implementation Plan - 500 words (Ivan, Bihan)**

* Timeline: select players and contact, sign agreements, assembling, start training etc.
* Sources of revenue: matchday, broadcasting and commercial
* Annual reports: FSA ranks, ranks in other matches, Revenues, costs

**Assumption - 100 words (Yifan, Wenyan)**

* Constant inflation rate for next 10 years：2.7%

**Risk and Risk Mitigation Considerations -200 words (Yixuan,Ivan)**

* market risk（interest rate，exchange rate），operational risk

**Data and Data Limitations - 100 words (Yixuan, Yifan)**

* missing data in player dataset