Complete the following tasks. On completion of each task you must be happy that the work you have done can be taken into production. Please make any changes and use any tools you want with the only constraint being that no code in the external assembly should be modified

**Task 1 – Review & Refactor**

* User Story 1 has already been completed by a junior developer and is on production without ever being reviewed. On reflection the development manager is not happy with the quality of the work. The task is to review and improve the work done on the user story to improve quality and ensure correctness.

**Task 2 – New Requirements**

* Implement User Stories 2 through 5 one at a time.

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| User Story 1 | |
| AS A | Bookmaker (e.g. Sky Bet, Ladbrokes) |
| I WANT | To retrieve markets from the betting platform for a particular sport and fixture. For example, Sport = “Football” & Fixture = “Man Utd v Arsenal” |
| AS PROVEN BY | The implementation of a market manager to serve markets for a given request |

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| User Story 2 | |
| AS A | Development Manager in charge of the betting platform |
| I WANT | To enable future sports to be added as easy as possible in the knowledge that the business is planning to integrate another 20 new sports in the coming months |
| AS PROVEN BY | Ensuring the market manager is extensible and re-usable when new sports (market generators) are added |

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| User Story 3 | |
| AS A | Product Manger |
| I WANT | To increase or decrease the market probabilities by a pre-determined percentage in order to give clients more or less profit margin |
| AS PROVEN BY | Amending probabilities after generation by the following amounts:   * Football Markets – Increase by 2% * Tennis Markets – Decrease by 3% |

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| User Story 4 | |
| AS A | Development Manager in charge of the betting platform |
| I WANT | To modify the percentage applied to each sport in the live production environment without re-compilation or re-deployment |
| AS PROVEN BY | Allowing the percentages to be dynamically changed |

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| User Story 5 | |
| AS A | Bookmaker (e.g. Sky Bet, Ladbrokes) |
| I WANT | To explicitly specify the percentage change applied to markets on a request by request basis |
| AS PROVEN BY | Allowing an override of the default values set by the betting platform provider |