**Training recommendation program team**

Members

Chris Kim (GAM Model Leader)

Shashvat – Algorithm leader

Jack

***Sprint Goals***

Research GAM algorithm to improve modelling techniques in developing a training recommendation model with game development & web development to gain more insights on levels of exercises

Note – Details provided in Annexure A

***Current progress of members during sprint***

|  |  |  |
| --- | --- | --- |
| Member | In-progress/Completed | Current Goals During Sprint |
| Chris | Contact Game & web development team to gain sufficient knowledge on what they are developing.  Establishing GAM model parameters to build a training recommendation program | 1. Start with the Sprint Goals & submit deliverables 2. Contact Game & Web development team to gain more insights as to how their development progresses are going |
| Shashvat | Working on Oxygen dataset to test-run the GAM model and report on the outcomes | 1. Start with the Sprint Goals & submit deliverables 2. Finish testing model on Oxygen dataset & create report |
| Jack | Pending | Pending |

***Delivery of sprint goals***

Work on sprint goal problems and in the next sprint meeting, bring all the progressions to see what can be done to improve the development in the final 2 weeks.

Annexure A

Problem 1:

**Aim:**

Research GAM algorithm to improve modelling techniques in developing a training recommendation model.

**Overview:**

With the game and web development team, it is essential to attain the ideas of their design aspects in relation to a training recommendation model our team is trying to build. For instance, it is important to understand and implement how overexertion and burnout when exercising is captured to implement an exercise plan to prevent exercisers to get sports injuries.

**Definition of Done:**

3-4 pages report on the topics of game and web development team as to how this information can be implemented on the model we are trying to build.

**Project Timeline:**

22nd – 25th: Initial research on GAM algorithm and define parameters

26th-29th: Keeping in touch with game & web development teams to gain more insights

29th – 6th: Write a report detailing how our model can be a good fit in align with game & web development team

**Future project:** From this research, prototyping a training recommendation program to be utilised through both app and web of Redback Operations.