

## Abstract

Paintballing is a continuously growing and popular sport. [1-3]. As such an “artsy” sport, it is no wonder why paintballing is enjoyed by so many. From the rush of adrenaline upon first entering a field, to the feeling of accomplishment when you strike your first opponent, a game of paintballing is full of its wonders. However, such magnificence comes at a great cost. The aftermath of a full game may not be so beautiful, especially after the accumulation of multiple games that cause a small, pretty splatter to become gooey gunks everywhere. The beauty of paintballing then becomes hard to appreciate when a field is no longer clean.

The following Request for Proposal (RFP) provides a framework for a solution to the issue of ineffective paintball facility cleaning methods, specifically focusing on an indoor paintball facility close to the University of Toronto: Sargent Splatters. As the largest indoor Paintball facility in Canada, with over 35,000 square feet of walls, Sgt. Splatters faces a great challenge when it comes down to keeping their field clean. The greatest challenge, commonly shared between all other paintballing facilities, is removing accumulated paint gunks from the walls without compromising the cleanliness of the sand [4-7].

Currently, a manual scrape-down of the walls with a metal hand scraper is the primary cleaning method. It involves heavy physical labor, is time-consuming, and requires the shutdown of the facility for an entire week. Since the primary stakeholders of this opportunity consist of the staff members, customers and owner of Sgt. Splatters, as well as the facility building itself, these issues affect all of them. As well, given that Sgt. Splatter prioritizes customer safety, their field is incorporated with a sand-based ground to soften the impact of falls, thereby preventing possible injury. Although this feature is popular among many other paintball facilities, and effective in achieving its objective, it greatly complicates the cleaning process. As referred to by the Sgt. Splatters Manager, an ideal solution should reduce closure time, optimize revenue, and consider the cleanliness of the sand. A further read into this RFP will outline specifics to the necessary requirements in the development of a feasible solution [4-6].

[1] IBISWorld, “Paintball Fields in the US. Industry Market Research Reports, Trends, Statistics, Data, Forecasts,” Sep-2018. [Online]. Available: <https://www.ibisworld.com/industry-trends/specialized-market-research-reports/consumer-goods-services/sports-recreation/paintball-fields.html>. [Accessed: 17-Feb-2019].

[2] T. Gase, “Paintball’s popularity continues to spread | www.simivalleyacorn.com | Simi Valley Acorn,” 26-Nov-2010. [Online]. Available: <https://web.archive.org/web/20101126150440/http://www.simivalleyacorn.com/news/2006-07-07/Sports/020.html>. [Accessed: 17-Feb-2019].

[3] K. Greenberg, “Sporting Goods Group Dissects Team Sports,” 11-Sep-2009. [Online]. Available: <https://www.mediapost.com/publications/article/113363/sporting-goods-group-dissects-team-sports.html>. [Accessed: 17-Feb-2019].

[4] A. Alvear, *Interview with Sargent Splatters Manager*. 54 Wingold Avenue. Toronto, Ontario, 2019.

[5] A. Alvear, “Field Notes at Sgt. Splatters.” 26-Jan-2019.

[6] A. Diaz Lozano Patino, *Interview with Sargent Splatters Staff*. 54 Wingold Avenue. Toronto, Ontario, 2019.

[7] “Sgt. Splatter’s Project Paintball | Largest Indoor Paintball Toronto.” [Online]. Available: <https://www.sgtsplatters.com/>. [Accessed: 17-Feb-2019].

- [1] IBISWorld, "Paintball Fields in the US. Industry Market Research Reports, Trends, Statistics, Data, Forecasts," Sep-2018. [Online]. Available: <https://www.ibisworld.com/industry-trends/specialized-market-research-reports/consumer-goods-services/sports-recreation/paintball-fields.html>. [Accessed: 17-Feb-2019].
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- [6] A. Diaz Lozano Patino, *Interview with Sargent Splatters Staff*. 54 Wingold Avenue. Toronto, Ontario, 2019.
- [7] "Sgt. Splatter's Project Paintball | Largest Indoor Paintball Toronto." [Online]. Available: <https://www.sgtsplatters.com/>. [Accessed: 17-Feb-2019].