**Handover Document – Future Recommendations**

**NASA EVA Gamification**

*Group 3*

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Table of Contents

[Introduction 3](#_Toc510968672)

[Historical Date Earned for Badges 3](#_Toc510968673)

[SQL Code Improvements 3](#_Toc510968674)

[Generic names for Badges 3](#_Toc510968675)

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| Version Number | Description of Change | Author |
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# Introduction

# Historical Date Earned for Badges

The installation of the NASA\_EVA\_Gamification extension creates the gamification\_badges table. It then gathers data about pre-existing users from MediaWiki's database. It uses that data to determine which badges that users have earned retroactively. Finally, it updates the gamification\_badges table with the badges.

The Spring 2018 semester implemented the email verification game. We had three options to store in the date\_badge\_earned field:

* Null
* MediaWiki's email verification date (the user\_email\_authenticated field https://www.mediawiki.org/wiki/Manual:User\_table#user\_email\_authenticated
* Date of extension installation

We debated this choice for some time before deciding to store null. We felt that using the date the user installed the extension would be confusing. This date would be displayed for all badges earned before the extension was installed and quickly become meaningless.

The ideal scenario would be to use the date that the badge would been earned. While this would have been easy to implement in this game, it would not be possible for all games. Storing inconsistent data in the date\_badge\_earned field would be confusing.

That left us with leaving the field with a null value. This was the most consistent and least confusing option.

# SQL Code Improvements

# Generic names for Badges

We used NASA-themed wording in all configurable values. We recommend that you use generic wording when you submit the extension to MediaWiki. Using generic names will allow the extension to appeal to a wider audience. Instead of calling the email verification badge "Spacesuit Verified" you could call it "Email verified." You can do the same with the badge ranks. Instead of "Astronaut", "Spacewalker" and "Moonwalker" you could call them "Bronze", "Silver" and "Gold."