

ARMY 방

**Software Requirements Specification  
Document**

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# **1. Introduction**

## **1.1 Purpose**

The purpose of this document is to build an information sharing website called ARMY 방. The website aims to relay information related boy group BTS. This document will outline the scope and objectives of the website. Along with specifying the non-functional requirements, the website's functional requirements are also stated with the aid of validity checks, for each sprint and their deliverables.

## **1.2 Intended Audience**

The intended audience of this document are the members of the development team that worked on this project. This includes the developers, testers, the scrum master and the project manager. In addition to the development team, the stakeholders who are concerned with the project: the faculty and students of the University of the Philippines Visayas.

## **1.3 Intended Use**

The intended use of this document is to provide a deeper understanding of the website's works.

## **1.4 Scope**

The scope of the software is to provide information related to the group, BTS. This is done by sharing official up-to-date information of each member, the history, discography and filmography of the group, their past and current collaborations, their achievements over the years as well as their official social media links. The objective of this website is to offer information to users who wish to know more about the group and/or obtain information for research purposes.

## **1.5 Definitions, Acronyms, and Abbreviations.**

- (1) BTS – Beyond The Scene or Bangtan Sonyeondan (방탄소년단). The official group name of the boy group.
- (2) 방– Korean for 'room'
- (3) ARMY – Adorable Representative MC of Youth. The official fandom name of the group.
- (4) User – General audience of the website.
- (5) Administrator – System administrator who is allowed to add, modify and remove data.

## **2. The Overall Description**

### **2.1 User Needs**

Users of the website should be able to observe relevant and valid information about the group, their music, their TV appearances and their achievements. The target audience for this website are the fans, as primary users and those who wish to know more about the group, as secondary users. However, the website is not limited to only these users and is available to the general public. Other users include the admin users, those who will manage the database and update information on the website.

The primary and secondary users should be able to do the following functions:

- Register and Log-in
  - Full name
  - Username
  - Email
  - Password
  - Birthdate
- Log out
- View BTS' profile
  - By members
- View BTS' music
  - By album
  - By year
- View BTS' TV appearances
  - By channel
  - By streaming platform
  - By year

The admin users should be able to do the following functions:

- Add new information
- Alter or update existing information
- Add or delete a user

### **2.2 Assumptions and Dependencies**

Information present on this website is dependent on official records published by their company and the members themselves.

### **3. Specific Requirements**

#### **3.1 Functional Requirements**

- 3.1.1** The website shall have a login and register page.
- 3.1.2** The website shall have each page retain the same look as all the other pages.
- 3.1.3** The website shall accept valid user credentials with email or username and password.
- 3.1.4** The website should be able to login using Google, Email, Facebook, Twitter and Instagram.
- 3.1.5** The website shall have a button that redirects to the register page from the login page.
- 3.1.6** The website shall have a “Show password” section that will show what the user currently wrote as their password.
- 3.1.7** The website should have a “Forgot password” section that will send a link of what to do to the user’s email.
- 3.1.8** The website shall register information such as full name, username, email, password and birthdate.
- 3.1.9** The website should have a “confirm password” field in the register page.
- 3.1.10** The website shall have a page with each member’s pictures and their information.
- 3.1.11** The website shall have a page that consists of the group’s biography.
- 3.1.12** The website shall have a page with a list of their discography.
- 3.1.13** The website shall be able to filter and organize the discography by album or by year.
- 3.1.14** The website shall have a page with a list of their filmography.
- 3.1.15** The website shall be able to filter and organize the filmography by channel, by streaming platform or by year.
- 3.1.16** The website should have a page with a list of their achievements.
- 3.1.17** The website should be able to filter and organize the achievements by award show, by government awards or by year.
- 3.1.18** The website should have a search bar.
- 3.1.19** The website shall allow the user to logout whenever they want.
- 3.1.20** The website shall automatically logout the user after 5 minutes of inactivity.

#### **3.2 External Interface Requirements**

- 3.2.1** General users shall be limited to viewing content.
- 3.2.2** Administrative users shall be able to edit, add and remove content.
- 3.2.3** Icons shall retain the same look and position as other pages.
- 3.2.4** A popup box shall be shown when the user is automatically logged out.

### **3.3 System Features**

#### **3.3.1 Interoperability**

**3.3.1.1** The website shall run on the latest version of a browser such as Internet Explorer, Firefox, Google Chrome, etc.

**3.3.1.2** The website shall have the same experience on all of the browsers.

#### **3.3.2 Reliability**

**3.3.2.1** The website shall allow users to enter with their correct username or email and password.

**3.3.2.2** The website shall logout manually by user or automatically after five minutes of inactivity.

#### **3.3.3 Availability**

**3.3.3.1** The website shall run on-demand as soon as user opens the website.

**3.3.3.2** The website shall allow users to redo their login credentials after incorrect input.

**3.3.3.3** The website shall be available to use as long as user is active.

**3.3.3.4** The website shall run when it is connected to the Internet.

**3.3.3.5** User session shall start when logged in and end when user logs out.

**3.3.3.6** User session shall end after five minutes of inactivity.

#### **3.3.4 Security**

**3.3.4.1** User shall have a unique id and email.

**3.3.4.2** User passwords should be encrypted.

**3.3.4.3** Only administrators shall be allowed to add, modify and remove data.

#### **3.3.5 Maintainability**

**3.3.5.1** Administrators shall maintain correct information to show on the website.

#### **3.3.6 Portability**

**3.3.6.1** The website shall be portable on devices that support browsers.