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# **Introduction (SM)**

This document highlights the functional and non-functional requirements needed to enhance the Pinterest app into Pinterest Reimagined. The document serves as a blueprint for all and makes sure everyone is on the same page regarding the requirnmentst of the app. It also describes the main features such as profile functions, ad transparency, downloading boards, banners and sliding layouts which makes navigating the app easier and more time efficient for the users.

# **Description Model (SM)**

**Ad Transparency:** A red colored border will be added and the sponsored ad sign will be increased in size. This is so the users can differentiate between posts and ads. For security purposes, users will be asked to confirm when they click an ad and it redirects them or if there’s a pop-up.

**Banners:** User interface change compared to the current version of Pinterest. The top banner will be removed and the main menu which is currently on the bottom will be moved up to the top. This makes it easier for users to navigate through the app.

**Sliding Layout:** Adding a sliding layout instead of the current top banner. A recommendations page will also be added which will show users posts based on their viewed history and saved interests. The user will be able to swipe left to get to the recommendations page and swipe right from the home screen to get to their profile page. This layout will make it easier for the users to switch between the screens.

**Downloading:** Download multiple images by holding down on it and selecting them rather than having to save them individually. This will make it easier and less time consuming for the user to download images to the homepage. The user will also have the option to download an entire board at once.

**Profile Functions:** Profile customization such as changing backgrounds to different colors and setting images in the background of the app, writing descriptions, and pinning other favorite users will be available to the users. The user will be able to use pictures from the app or download their own images that meet the requirement of being either a PNG, JPEG, PDF, and GIF. They will be able to display profile badges signifying different milestones based on their interest and activity. The badges will be based on how long they have been a member, how active the users are and other people they follow.

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# **Class Diagram (JP)**

Our Class Diagram is located in our GitHub repository, linked below. Under “ClassDiagramPinterest.vsdx”

<https://github.com/Ryan-909/Void-Travelers/blob/main/System-Requirements/ClassDiagramPinterest.vsdx>

# **Use Case Diagram (PB)**

Our Use Case Diagram is located in our GitHub repository, linked below. Under “UseCasePinterest.drawio.png”

<https://github.com/Ryan-909/Void-Travelers/blob/main/System-Requirements/UseCasePinterest.drawio.png>

# **Use Case Scenarios (PB)**

Our Use Case Diagram is located in our GitHub repository, linked below. Under “UseCasePinterest.xlsx”

<https://github.com/Ryan-909/Void-Travelers/blob/main/System-Requirements/UseCasePinterest.xlsx>

# **System Sequence Charts (RK)**

Our System Sequence Diagram is located in our GitHub repository, linked below. Under “Pinterest-System-Sequence-Diagram.vsdx”

<https://github.com/Ryan-909/Void-Travelers/blob/main/System-Requirements/Pinterest-System-Sequence-Diagram.vsdx>