

---

# **Mi Band Reminder**

## **Project Description**

Submitted to:

Prof. Ma. Rowena C. Solamo  
Faculty Member  
Department of Computer Science  
College of Engineering  
University of the Philippines, Diliman

Submitted by:

Aboy, Blaine Corwyn  
Flores, Rafael Luis

In partial fulfillment of Academic Requirements  
for the course  
CS 191 Software Engineering I  
of the  
1<sup>st</sup> Semester, AY 2016-2017

---

### ***Unique Reference:***

The documents are stored in <https://github.com/UPDNSE/Mi-Band-Reminder>.

File Reference: <https://github.com/UPDNSE/Mi-Band-Reminder/tree/master/01-Project-Documents>

### ***Document Purpose:***

This document gives its readers a brief description of the project Mi Band Reminder, letting them know who have worked on the document and what, if any, updates to the project description have been made. This document also gives provides links to the project's repository of files. This document is mainly a reference.

### ***Target Audience:***

The target audience of this document is the developers and any reviewers. This will be used as a reference to keep track of any changes made to the project description.

### ***Revision Control:***

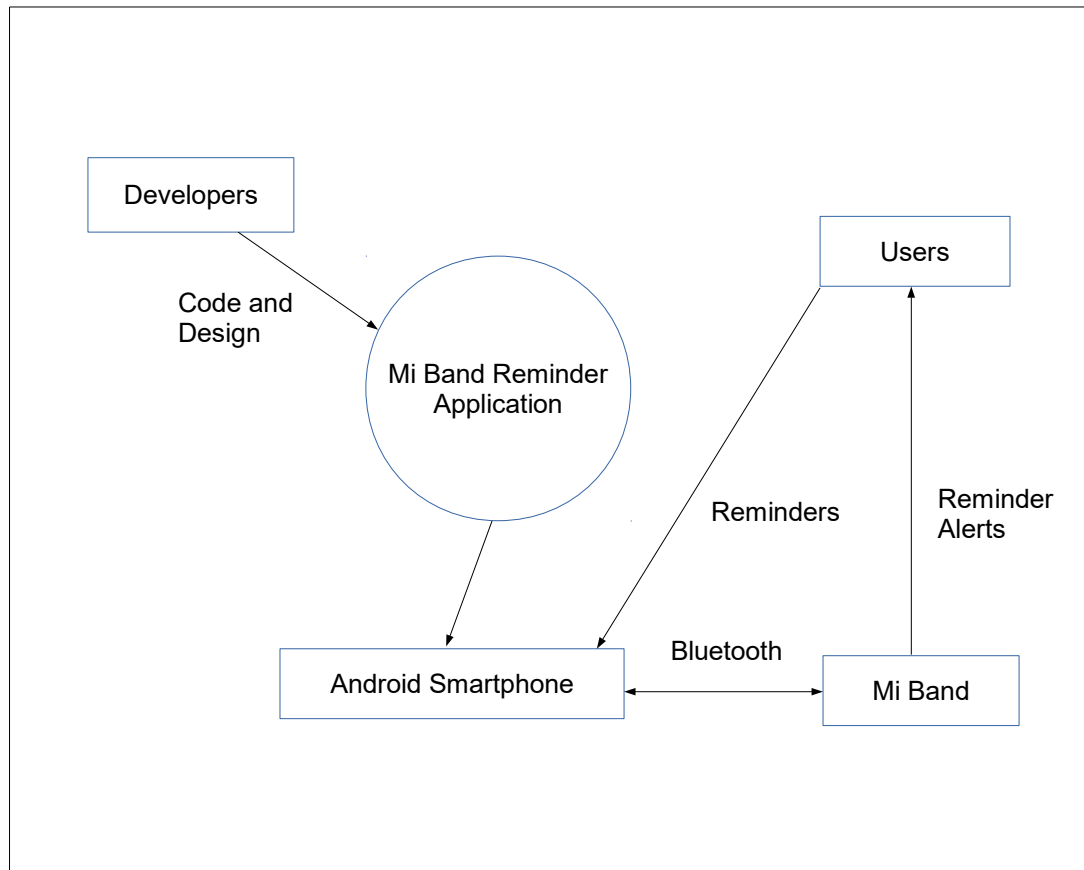
<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Modification</i></b>
09/04/16	Aboy, Blaine Corwyn D.	1.0	Document created and filled with data (Document Purpose, Target Audience, Project Description)
09/13/16	Aboy, Blaine Corwyn D.	1.1	Edited and cleaned document data and formatting. (Document Purpose, Target Audience, Context Diagram, Entities)
09/29/16	Flores, Rafael Luis M.	1.2	Slight grammar edits to document purpose and target audience. Several changes to project's description, context diagram, entities, inputs, outputs, and major functionalities.

---

**Project Title:** Mi Band Reminder

**Description:** This project is focused on creating a mobile application for Android smartphones that makes use of the Mi Band device which is connected to the phone via Bluetooth. The application allows users to create and schedule reminders, and they will be aptly reminded by the band through vibration.

**Context Diagram:**



**Entities:**

- Users – people that will be using the software;
- Android Smartphone – The hardware for which the software will be built;
- Mi Band – Device to be used with the smartphone for reminder alerts;
- Developers – creators of the software, and
- Mi Band Application – the software application itself.

---

### Major Inputs:

- Reminders – the user creates and schedules reminders in the application.

### Major Outputs:

- Reminder Alerts – the Mi Band vibrates and notifies the user of their set reminders.

### Major Functionalities:

- A Reminder Scheduling System on the application, and
- A Reminder via Vibration on the Mi Band.