



MEDICINE - TIME

ANDROID APPLICATION

USING ANDROID STUDIO

02

CONTENTS OF THE REPORT

Title of the Report | Date of the Report

SECTION 1

INTRODUCTION

- About application
- Features
- The goal

SECTION 2

TECHNOLOGIES

- XML
- JAVA
- ANDROID STUDIO

SECTION 3

OVERVIEW

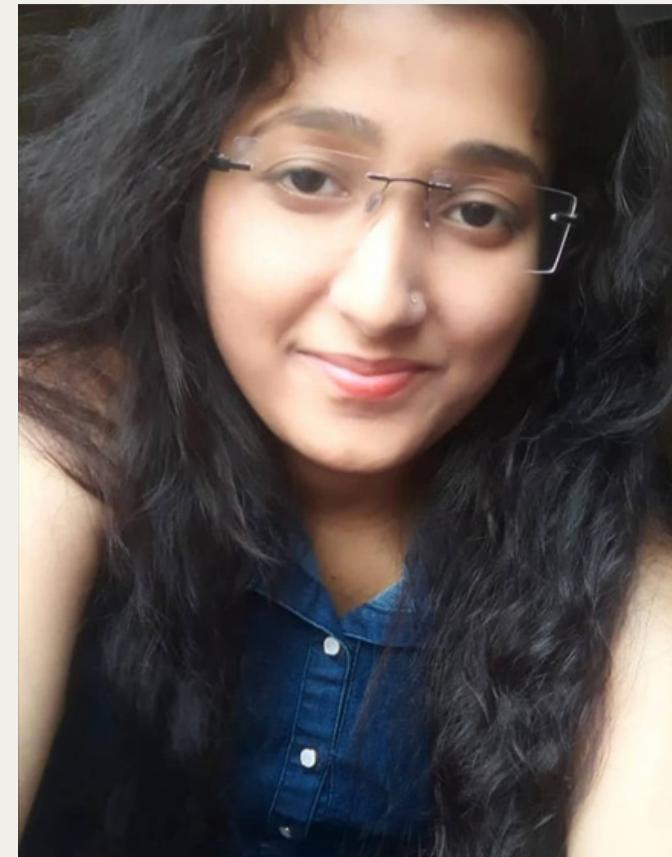
- Homepage
- Plus Sign
- Calendar Sign

TEAM NAME

VICTOURIOUS



ABHISHEK SINGH



ANSHIKA SINGH



PRAGYA DUBEY



INTRODUCTION

01

ABOUT APPLICATION

An app for Android that can store medicine and remind the user to take the medicine in the time the user has set for the medicine. The medicine is stored in a calendar and the user has to specify what medicine is stored on which day.

FEATURES

- STORE MEDICINE IN A CALENDAR
- THE APP WILL REMIND THE USER WITH A NOTIFICATIONS TO TAKE THE MEDICINE
- THE USER CAN MARK THE MEDICINE AS TAKEN AND THE APP WILL REMEMBER THE TIME THAT THE MEDICINE HAS BEEN TAKEN
- THIS APP KEEP THE RECORD WHICH MEDICINES ARE TAKEN AND WHICH MEDICINES ARE IGNORED
- THE USER CAN SAVE ONE MEDICINE AT A TIME OR SAVE A MEDICINE FOR SEVEN DAYS STRAIGHT, USEFUL FOR MEDICAL REGIMENT
- MEDICINE ARE REMEMBERED BY THE APP, EVEN IF IT'S CLOSED



THE GOAL

MEDICINE TIME IS AN NATIVE ANDROID APPLICATION MEANT TO AID THE FORGETFUL AND BUSY WITH REMEMBERING TO TAKE THEIR DAILY MEDICATIONS. IT IS DESIGNED FOR USERS WHO NEED A LITTLE HELP KEEPING TRACK OF THEIR MEDICATION SCHEDULE AND WHO ARE DEDICATED TO KEEPING THE SCHEDULE. THE APPLICATION ALLOWS THE USER TO STORE PILL OBJECTS AND MULTIPLE ALARMS FOR THOSE PILLS. ALARMS HAVE ONE TIME OF DAY AND CAN OCCUR ON MULTIPLE DAYS OF THE WEEK. THE USER IS ABLE TO VIEW THEIR PILLS IN A TODAY VIEW AND CAN SELECT DATE TO VIEW MEDICINES. IN ADDITION, THE APPLICATION STORES THE HISTORY OF WHEN EACH MEDICATION WAS TAKEN; THIS WILL AID THE USER IN KEEPING TRACK OF THEIR MEDICATION USAGE.

TECHNOLOGIES

102

XML (FOR FRONTEND)

- XML stands for extensible Markup Language
- XML is a markup language much like HTML
- XML was designed to store and transport data
- XML was designed to be self-descriptive

The Difference Between XML and HTML

XML and HTML were designed with different goals:

- XML was designed to carry data - with focus on what data is
- HTML was designed to display data - with focus on how data looks
- XML tags are not predefined like HTML tags are

JAVA (FOR BACKEND)

Java is a programming language and computing platform first released by Sun Microsystems in 1995. There are lots of applications and websites that will not work unless you have Java installed, and more are created every day. Java is fast, secure, and reliable. From laptops to datacenters, game consoles to scientific supercomputers, cell phones to the Internet, Java is everywhere!

Where Java Is Used

Java derives its huge popularity from its platform independence. Java only needs a Java Runtime Environment (JRE) to be installed in order to work, regardless of whether it is installed in a desktop PC running Windows, Linux, or Unix, a Macintosh computer, a smartphone or a mainframe computer. Here are some common places you'll see Java.

- **Android Applications:** Most Android applications use Java API or are written in Java, so much so that Java is often regarded as the official programming language for mobile app development.
- **Desktop GUI Applications:** Many desktop applications are developed in Java. Swing, Abstract Windowing Toolkit (AWT) and JavaFX are the main tools used for easy GUI development.
- **Web-Based Applications:** Java is often employed to develop a broad range of interactive websites and web-based apps found in the insurance, social security, education and health sectors.
- **Financial and Retail Services:** Java is used to write transaction management and billing applications, as well as server-side applications.

ANDROID STUDIO

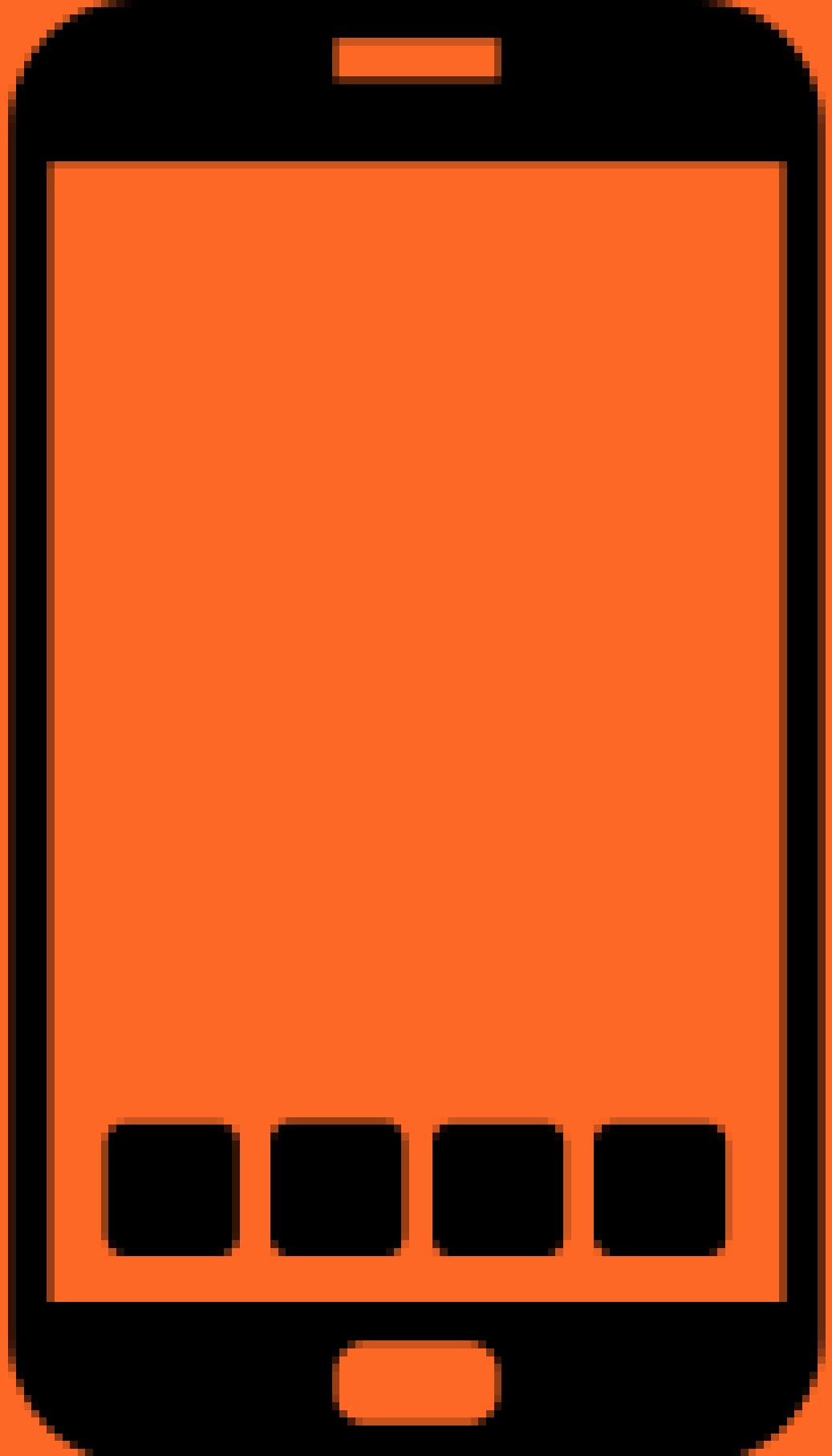
Android Studio is the official[7] integrated development environment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development.[8] It is available for download on Windows, macOS and Linux based operating systems or as a subscription-based service in 2020.[9][10] It is a replacement for the Eclipse Android Development Tools (E-ADT) as the primary IDE for native Android application development.

A SPECIFIC FEATURE OF THE ANDROID STUDIO

THE FOLLOWING FEATURES ARE PROVIDED IN THE CURRENT STABLE VERSION:[16][17]

- GRADLE-BASED BUILD SUPPORT
- ANDROID-SPECIFIC REFACTORING AND QUICK FIXES
- LINT TOOLS TO CATCH PERFORMANCE, USABILITY, VERSION COMPATIBILITY AND OTHER PROBLEMS
- PROGUARD INTEGRATION AND APP-SIGNING CAPABILITIES
- TEMPLATE-BASED WIZARDS TO CREATE COMMON ANDROID DESIGNS AND COMPONENTS
- A RICH LAYOUT EDITOR THAT ALLOWS USERS TO DRAG-AND-DROP UI COMPONENTS, OPTION TO PREVIEW LAYOUTS ON MULTIPLE SCREEN CONFIGURATIONS[18]
- SUPPORT FOR BUILDING ANDROID WEAR APPS
- BUILT-IN SUPPORT FOR GOOGLE CLOUD PLATFORM, ENABLING INTEGRATION WITH FIREBASE CLOUD MESSAGING (EARLIER 'GOOGLE CLOUD MESSAGING') AND GOOGLE APP ENGINE[19]
- ANDROID VIRTUAL DEVICE (EMULATOR) TO RUN AND DEBUG APPS IN THE ANDROID STUDIO.

SECTION 3



OVERVIEW

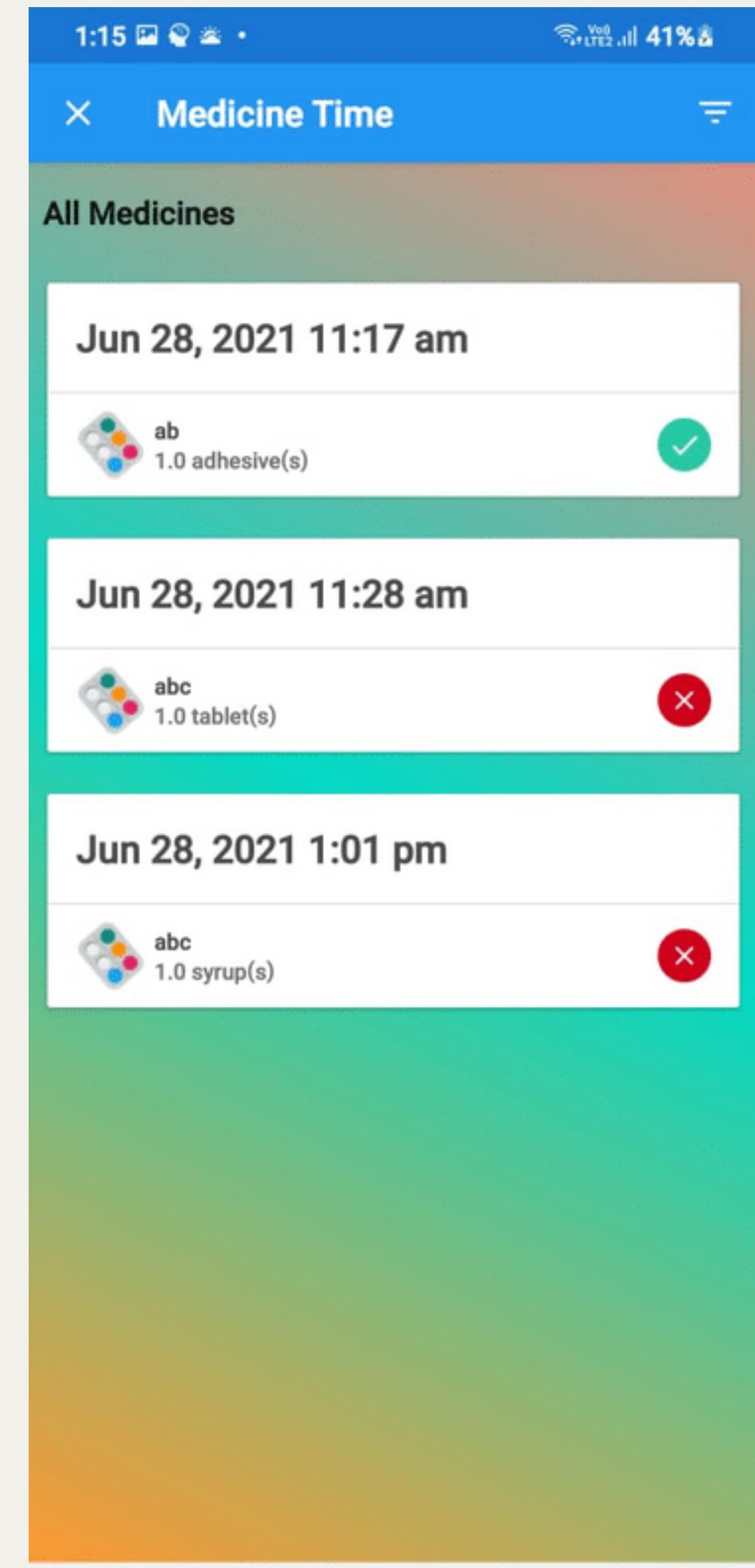
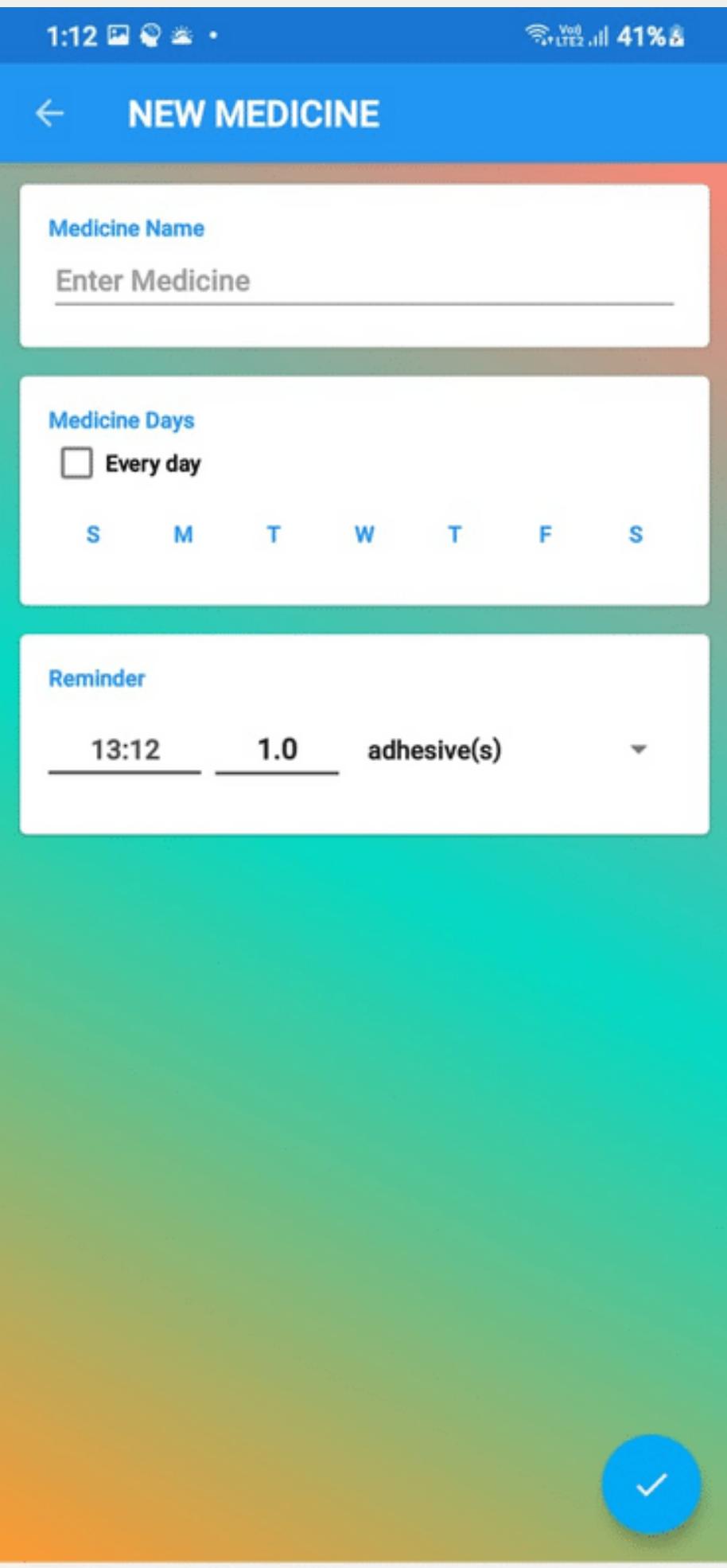
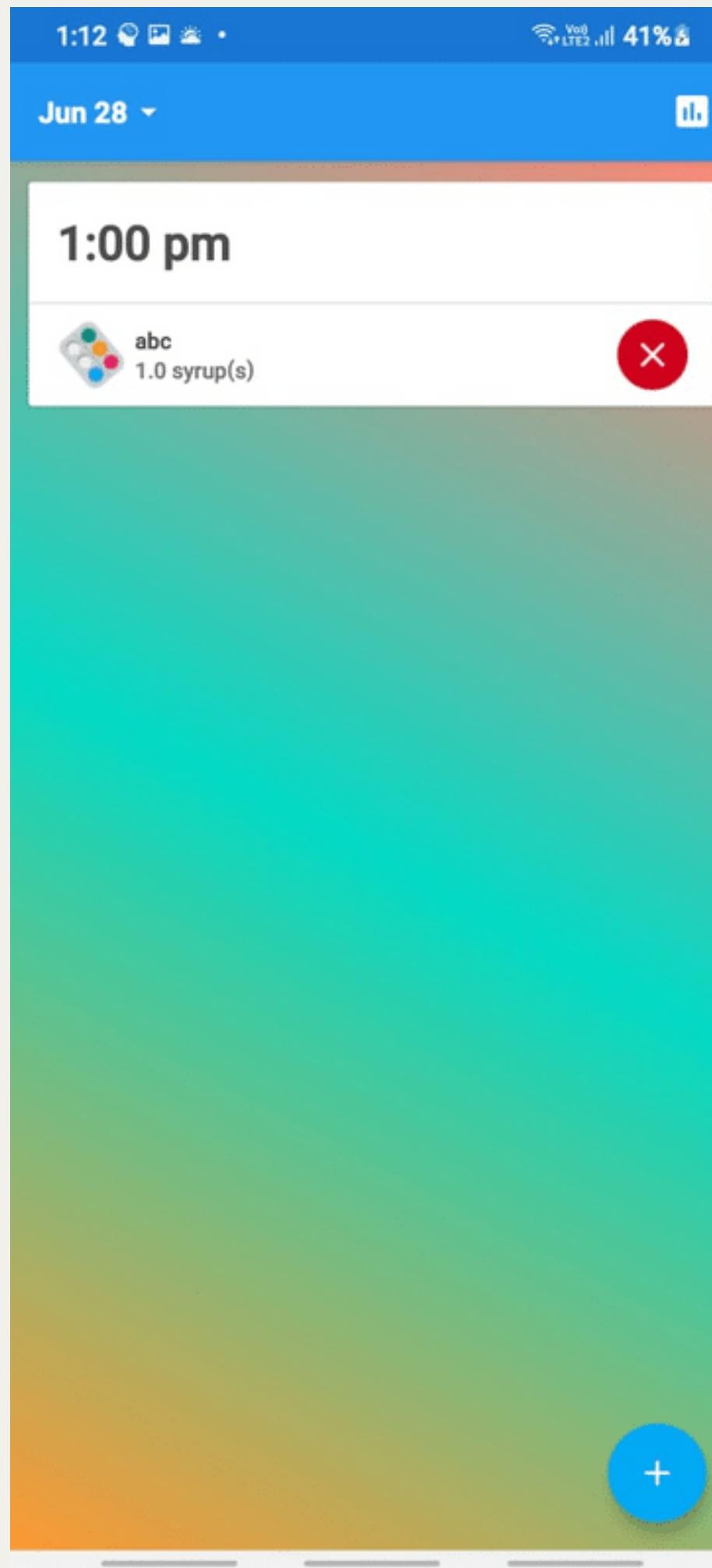
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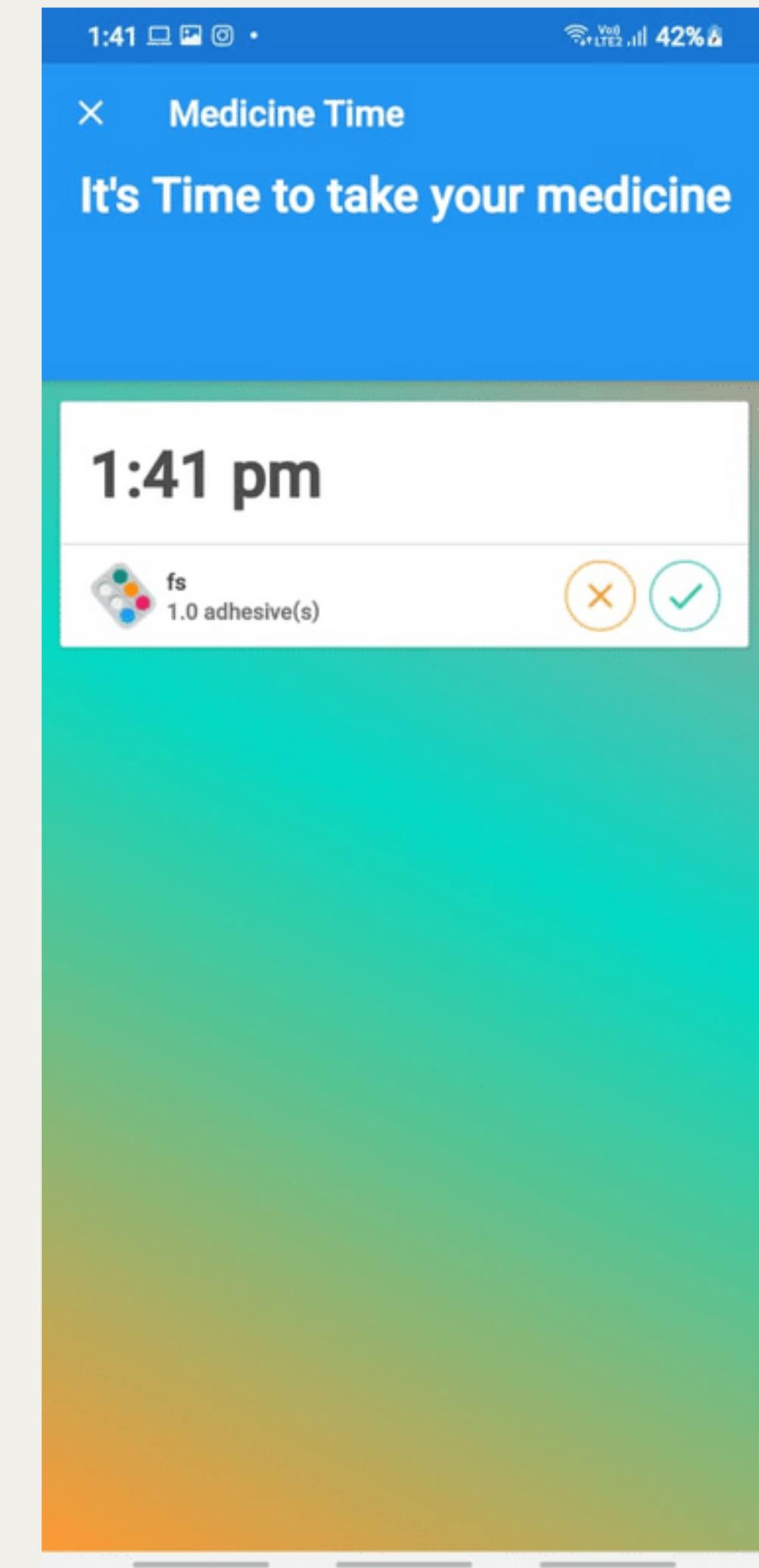
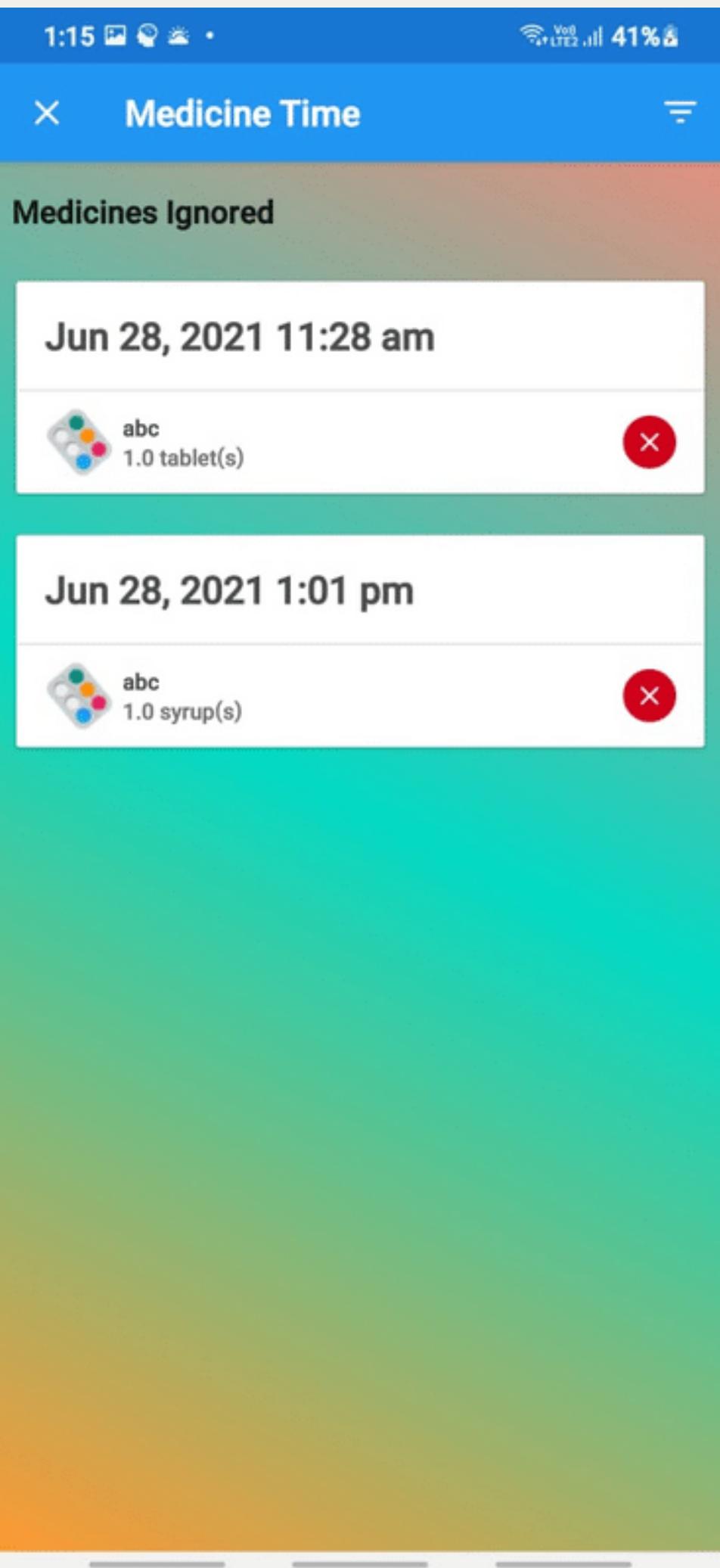
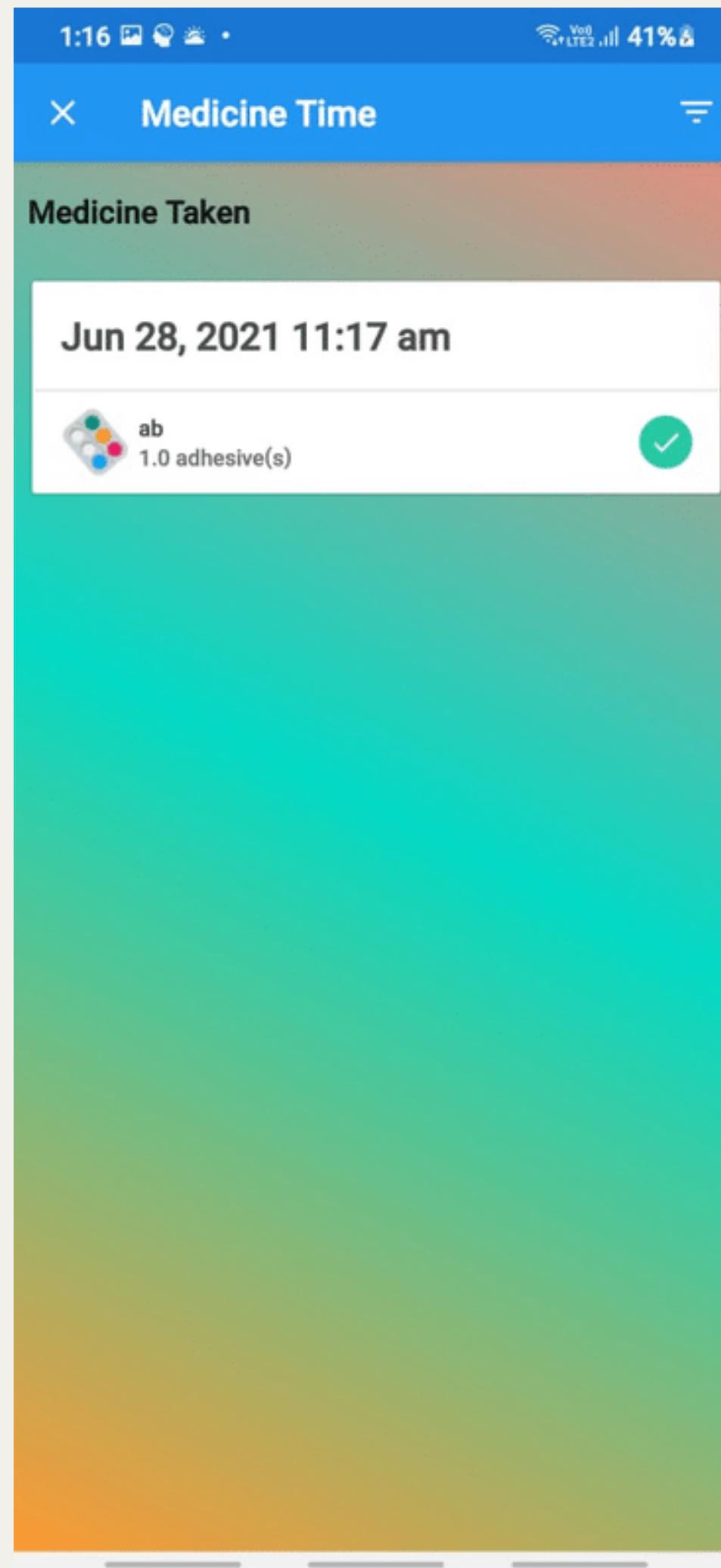


IN THE HOME PAGE, YOU WILL SEE 1 BUTTONS IN THE BOTTOM RIGHT OF THE APPLICATION.

PLUS SIGN: THIS WILL TAKE YOU TO THE ADD ACTIVITY WHERE YOU WILL BE ABLE TO CREATE AN ALARM. THE APPLICATION WILL AUTOMATICALLY LINK UP ALL THE ALARMS TO A SPECIFIC PILL WITH THE SAME PILL NAME. IF YOU ATTEMPT TO CREATE AN ALARM TO A PILL THAT DOES NOT EXIST, IT WILL AUTOMATICALLY CREATE A PILL OBJECT FOR YOU.

CALENDAR SIGN: THIS WILL TAKE YOU TO THE SCHEDULE ACTIVITY WHERE YOU CAN SEE ALL THE PILLS AND ALARMS ORGANIZED BY THE DAY OF WEEK.





THANK YOU