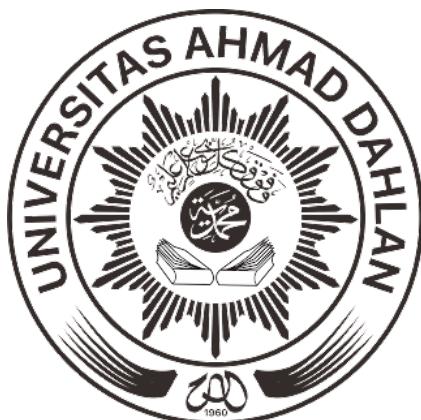


**LAPORAN PRAKTIKUM
PRAKTIKUM PEMROGRAMAN WEB
PERTEMUAN 6
SERVICE**



Disusun Oleh

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**PROGRAM STUDI S-1 INFORMATIKA
FAKULTAS TEKNOLOGI INDUSTRI
UNIVERSITAS AHMAD DAHLAN
YOGYAKARTA**

2025

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BAB I

PRETEST

1.1 Pretest

LEMBAR JAWABAN PRE-TEST PRAKTIKUM

Nama : M. Rifai Clusaini NIM : 2300018209	Asisten: Paraf Asisten:	Tanggal: Nilai:
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- 1). Intent digunakan untuk berkomunikasi antar komponen aplikasi, seperti Activity, service, dan Broadcast Receiver. Fungsi utama intent
- Memulai Activity baru.
Contoh: berpindah dari halaman login ke halaman beranda.
 - Memulai Service
Contoh: menyalakan service musik di background.
 - Mengirim data antar komponen.
Contoh: mengirim username dari Activity A ke Activity B.
- 2). - Explicit Intent merupakan Intent yang secara langsung menyebutkan nama komponen (Activity/service) yang akan dijalankan. Contoh: pindah dari main activity ke detail activity dalam satu aplikasi.
- Implicit
- Implicit Intent merupakan Intent yang menyebutkan komponen tetapi hanya menyatakan jenis yang ingin dilakukan. Contohnya membuka galeri, galeri, browser, atau buku teks.

BAB II

LANGKAH PRAKTIKUM

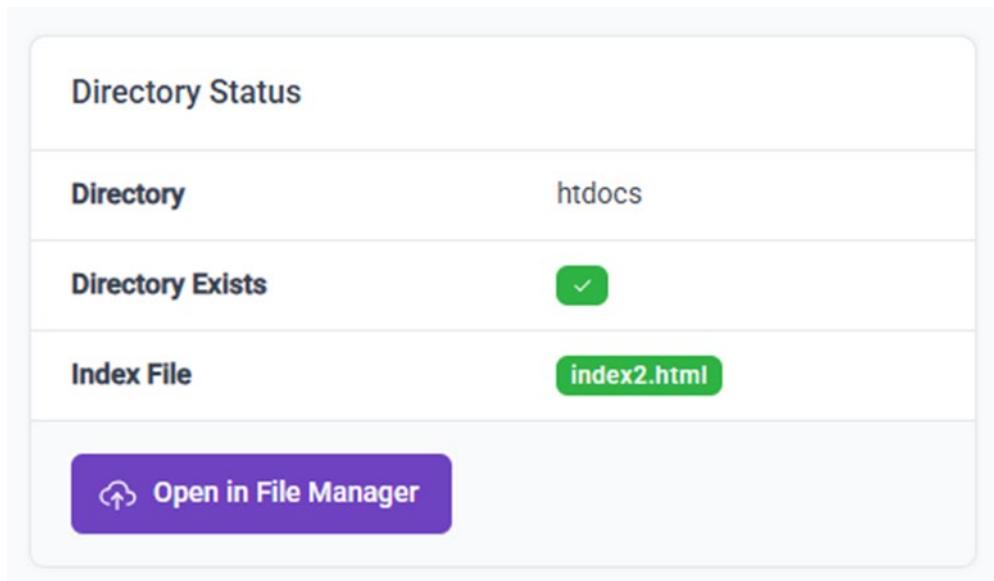
2.1 Buat akun baru di infinity free

The screenshot shows the InfinityFree website's account management interface. At the top, there are navigation links: Home, Profile, Hosting Accounts (which is selected), Domains, SSL Certificates, Website Builder, and Help. A yellow 'Go Premium' button and a user icon 'mrifqichusainis@gmail.com' are also present. The main area is titled 'ACCOUNTS' and 'Hosting Accounts'. It features a 'Discover more' section with various service links. Below this is a 'Your Accounts' section showing one active account: 'if0_40604648 Website for rifqi289.infinityfree.me'. A purple '+ Create Account' button is located at the top right of this section. At the bottom, it shows 'Deleted Accounts (1)' with a 'Show' button.

2.2 Nanti disuruh buat domain dan password nya, lalu klik manage.

The screenshot shows the 'Manage if0_40604648' page. At the top, there are navigation links: Home, Profile, Hosting Accounts (selected), Domains, SSL Certificates, Website Builder, and Help. A yellow 'Go Premium' button and a user icon 'mrifqichusainis@gmail.com' are also present. The main area has a 'Discover more' section with various service links. A warning message in a yellow box states: '⚠️ It can take up to 72 hours for new domains to be accessible everywhere! This is caused by DNS caching, which InfinityFree cannot control, but there are some workarounds you can try. [Learn more.](#)' Below this, there are four buttons: Control Panel (green), File Manager (orange), Website Builder (teal), and Script Installer (purple). On the left, a sidebar titled 'Manage if0_40604648' lists 'Account Options': Home, Upgrade to Premium Hosting, Account Statistics, FTP Details, MySQL Databases, Deactivation History, and Account Settings. The central part shows 'Domains' with a table containing one row: 'DOMAIN' (rifqi289.infinityfree.me) and 'ACTIONS' (a 'Manage' button). The right side shows 'Account Details' with fields for USERNAME ('if0_40604648'), PASSWORD (redacted), STATUS ('Active'), LABEL ('Website for rifqi289.infinityfree.me'), and WEBSITE IP ('185.27.134.121').

2.3 Buka Open in file manager



2.4 Upload File employee.php

The screenshot shows a file manager interface with the following details:

- Left Sidebar (Quick Access):** Home, Upload Files, Upload & Unzip, New Folder, New File.
- Top Bar:** Home // htdocs, Search files..., Upload, New File, New Folder, Edit, Download, Copy, Move, Delete.
- File List:** employee.php (php, 512 B, Dec 5 03:33), files for your website should be uploaded here! (0 B, Dec 5 03:32), index2.html (html, 9.92 KB, Dec 5 03:32).
- Bottom Left:** ACTIONS: Refresh, Select All.
- Bottom Left:** PREFERENCES: Toggle Theme, Toggle View, Reset Settings.

2.5 Buat database lalu masuk ke query

The screenshot shows the InfinityFree account management interface. At the top, there's a navigation bar with links for Home, Profile, Hosting Accounts, Domains, SSL Certificates, Website Builder, and Help. On the right, there are buttons for 'Go Premium' and a user profile icon with the email 'mrifqichusainis@gmail.com'. Below the navigation, a breadcrumb path shows 'ACCOUNTS / IF0_40604648 / DATABASES MySQL Databases for if0_40604648'. A purple 'Account Settings' button is on the right. A yellow warning box at the top says 'It can take up to 72 hours for new domains to be accessible everywhere! This is caused by DNS caching, which InfinityFree cannot control, but there are some workarounds you can try. [Learn more.](#)' Below this, the main content area has a sidebar titled 'Manage if0_40604648' with sections for Account Options (Home, Upgrade to Premium Hosting, Account Statistics, FTP Details, MySQL Databases, Deactivation History, Account Settings), and MySQL Connection Details (MySQL Username: if0_40604648, MySQL Password: masked, MySQL Database Name: if0_40604648_XXX). The main panel shows a table for 'List of MySQL Databases' with one entry: 'if0_40604648_prak6_pmob' with actions for 'phpMyAdmin' and 'Delete'. A purple '+ Create Database' button is at the bottom.

2.6 Paste query yang diberikan asisten

```
CREATE TABLE IF NOT EXISTS tbl_employee (
employee_id int(4) NOT NULL AUTO_INCREMENT,
employee_name varchar(60) NOT NULL,
jabatan varchar(30) NOT NULL,
tgl_kerja date NOT NULL,
gaji int(10) NOT NULL,
PRIMARY KEY (employee_id)
)
ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
INSERT INTO tbl_employee (employee_id, employee_name,
jabatan,
tgl_kerja, gaji) VALUES
(1, 'Reza', 'VP', '2013-08-01', 60000),
(2, 'Adi', 'Executive', '2014-10-09', 20000),
(3, 'Isqi', 'Manager', '2013-08-20', 40000),
(4, 'Alfin', 'Executive', '2013-06-01', 25000),
(5, 'Onie', 'Trainee', '2014-10-01', 10000);
```

The screenshot shows the MySQL Workbench interface with the following details:

- Server:** sql100.infinityfree.com
- Database:** if0_40604648_prak6_pmob
- Toolbar:** Structure, SQL, Search, Query, Export, Import, Operations, Routines, Designer.
- Query Editor:** Shows the executed SQL code for creating the table and inserting data.
- Status Bar:** MySQL returned an empty result set (i.e. zero rows). (Query took 0.0092 seconds.)
- Result Panel:** Shows the output of the INSERT query, indicating 5 rows inserted. (Query took 0.0020 seconds.)
- Buttons:** [Edit inline], [Edit], [Create PHP code].

2.7 Buka domain nya

- <https://rifqi289.infinityfree.me/employee.php>

The screenshot shows a web browser displaying the output of the PHP script. The URL is https://rifqi289.infinityfree.me/employee.php. The page content is a JSON array containing the five employee records inserted into the database:

```
[{"employee_id": "1", "employee_name": "Reza", "jabatan": "VP", "tgl_kerja": "2013-08-01", "gaji": "60000"}, {"employee_id": "2", "employee_name": "Adi", "jabatan": "Executive", "tgl_kerja": "2014-10-09", "gaji": "20000"}, {"employee_id": "3", "employee_name": "Isqi", "jabatan": "Manager", "tgl_kerja": "2013-08-20", "gaji": "40000"}, {"employee_id": "4", "employee_name": "Alfin", "jabatan": "Executive", "tgl_kerja": "2013-06-01", "gaji": "25000"}, {"employee_id": "5", "employee_name": "Onie", "jabatan": "Trainee", "tgl_kerja": "2014-10-01", "gaji": "10000"}]
```

BAB III

POST TEST

3.1 Mahasiswa

a. Kode php

```
<?php

$host = "xxxx";
$user = "xxxx";
$pass = "xxxx";
$db  = "if0_40604648_prak6_pmob";

$connection = mysqli_connect($host, $user, $pass, $db);

//query ke table Mahasiswa
$sql = "select * from Mahasiswa";
$result = mysqli_query($connection, $sql);

//pembuatan array
$emparray = array();
while($row = mysqli_fetch_assoc($result))
{
    $emparray[] = $row;
}

//pembuatan json
echo json_encode($emparray);

//tutup koneksi
mysqli_close($connection);

?>
```

b. Query sql

```
CREATE TABLE IF NOT EXISTS Mahasiswa (
    NIM VARCHAR(12) NOT NULL,
    nama VARCHAR(60) NOT NULL,
    kelas VARCHAR(10) NOT NULL,
    prodi VARCHAR(50) NOT NULL,
    PRIMARY KEY (NIM)
)
ENGINE=MyISAM DEFAULT CHARSET=latin1;

INSERT INTO Mahasiswa (NIM, nama, kelas, prodi) VALUES
('23110001', 'Rifqi', 'TI-1A', 'Teknik Informatika'),
```

```
('23110002', 'Lutfi', 'TI-1A', 'Teknik Informatika'),  
('23110003', 'Aulia', 'TI-1B', 'Sistem Informasi'),  
('23110004', 'Dimas', 'TI-1B', 'Sistem Informasi'),  
('23110005', 'Sarah', 'TI-1C', 'Teknik Komputer');
```

- c. Link
 - a. <https://rifqi289.infinityfree.me/mahasiswa.php>

3.2 Mata kuliah

- a. Kode php

```
<?php  
  
$host = "xxxx";  
$user = "xxxx";  
$pass = "xxxx";  
$db  = "if0_40604648_prak6_pmob";  
  
$connection = mysqli_connect($host, $user, $pass, $db);  
  
//query ke table Mata_Kuliah  
$sql = "select * from Mata_Kuliah";  
$result = mysqli_query($connection, $sql);  
  
//pembuatan array  
$emparray = array();  
while($row = mysqli_fetch_assoc($result))  
{  
    $emparray[] = $row;  
}  
  
//pembuatan json  
echo json_encode($emparray);  
  
//tutup koneksi  
mysqli_close($connection);  
  
?>
```

- b. Query sql

```
CREATE TABLE IF NOT EXISTS Mata_Kuliah (  
    kode  VARCHAR(10) NOT NULL,  
    nama_mk  VARCHAR(60) NOT NULL,  
    sks   INT(2) NOT NULL,  
    dosen  VARCHAR(60) NOT NULL,  
    PRIMARY KEY (kode)
```

```
)  
ENGINE=MyISAM DEFAULT CHARSET=latin1;  
  
INSERT INTO Mata_Kuliah (kode, nama_mk, sks, dosen) VALUES  
('MK101', 'Algoritma dan Pemrograman', 3, 'Dr. Andi Prasetyo'),  
('MK102', 'Basis Data', 3, 'Ibu Siti Rahmawati'),  
('MK103', 'Jaringan Komputer', 3, 'Pak Budi Santoso'),  
('MK104', 'Sistem Operasi', 3, 'Pak Roni Kurniawan'),  
('MK105', 'Pemrograman Web', 3, 'Ibu Dewi Lestari');
```

- c. Link
 - a. <https://rifqi289.infinityfree.me/mataKuliah.php>

3.3 Link Github

<https://github.com/rifqichusaini/Praktikum-Pemrograman-Mobile/tree/main/P6-Service>