

# Pertemuan-2

# Project Preferences

Rekayasa Perangkat Lunak - Paralel 3

Friday, 19 February 2021





**GitHub**



**Desktop**



# PRIMARY



## Pricing

### Starter

**Free**

for up to 2 editors and 3 projects

- ✓ 3 projects
- ✓ 30-day version history
- ✓ Up to 2 editors
- ✓ Unlimited cloud storage
- ✓ Unlimited free viewers

[Choose Starter](#)

### Professional

**\$12 per editor/month**

Billed annually or \$15 month-to-month

- ✓ Unlimited projects
- ✓ Unlimited version history
- ✓ Custom file/user permissions
- ✓ Invite-only private projects
- ✓ Shareable team libraries

[Choose Professional](#)

[Free for students and educators](#)

### Organization

**\$45 per editor/month**

Annual billing only

Everything in Professional, plus...

- ✓ Org-wide design systems
- ✓ Centralized teams
- ✓ Private plugins
- ✓ Plugin administration
- ✓ Shared fonts
- ✓ SSO + advanced security
- ✓ Design System Analytics

[Choose Organization](#)

[Contact sales \(best for 9+ editors\)](#)

Marvel



proto.io



balsamiq®

inVISION



Gmail Images



Account



Gmail



Drive



Docs



Sheets



Slides



Calendar



Chat



Meet



Sites



Contacts



Currents



# IPB University

IPB Information System



SITI IPB

IPB Goes to Google Apps



Mail



Calendar



Documents



Drive



Sites



# Google Sites

[apps.ipb.ac.id](https://apps.ipb.ac.id)

# Ketentuan Aplikasi

- Aplikasi **tidak hanya memiliki fungsi CRUD saja**, setidaknya ada fungsi lain di luar fungsi CRUD (fungsi transaksional lainnya).
- Aplikasi **dapat diimplementasikan dalam jangka waktu kurang lebih 3 bulan** (1 semester)
- Aplikasi yang diusulkan adalah aplikasi yang secara riil dapat berguna atau dapat digunakan oleh orang lain, akan lebih baik jika memiliki real client. Setiap kelompok **wajib menentukan peran setiap anggota kelompoknya**.



# Menentukan Peran

- UI/UX Design
- Frontend
- Backend

Nama	NIM	Peran
Indah Puspita	G64170035	BackEnd
Qarry Atul Chairunnisa	G64170014	FrontEnd

# Tugas Praktikum

Buatlah sebuah **Term Of Reference (TOR)** berupa sebuah naskah singkat **sebanyak 2 halaman A4** (format dibebaskan) yang berisi:

- **Latar belakang** → Berisi tentang latar belakang dari masalah yang diangkat oleh kelompok saudara, ada data yang merepresentasikan keadaan dan ada penjelasan tentang masalah yang dihadapi.
- **Tujuan** → Berisi tujuan dari pengembangan aplikasi
- **Ruang lingkup** → Berisi tentang scope secara umum dari proyek yang akan dikerjakan
- **Deskripsi singkat perangkat lunak** → Berisi tentang deskripsi secara singkat dari perangkat lunak yang akan dikembangkan dan gambaran umum fungsi-fungsi dari perangkat lunak

# Ruang Lingkup

1. Perangkat Keras
  - **Processor** : Lenovo AMD A9 9420 Core Clock hingga 3,6 Ghz
  - **Memory** : 4 GB DDR3
  - **Graphics Card** : R5 Graphics / AMD RadeonTM 520 2GB VRAM diskrit.
  - **Storage** : 1 TB
2. Perangkat Lunak
  - **Operating System**: Windows 10 / Linux / MacOS
  - **Text Editor**: Visual Studio Code / Sublime / Atom
  - **Framework**: Laravel / Vue.js / React.js
  - **Library**: Bootstrap / UIKit / Bulma / Semantic UI
  - **Database**: MogoDB / MySQL / PostgreSQL
  - **Server**: Apache / Nginx / IIS
3. Lainnya

# Pengumpulan Lembar Kerja Praktikum (LKP)

- **NewLMS** KOM331 Rekayasa Perangkat Lunak
- Deadline: **Kamis, 25 Februari 2021 (23.00)**
- Pengumpulan oleh **perwakilan kelompok** (Team Lead/Project Manager/Ketua)
- Nama file: **LKP2\_P3\_Nama Kelompok** (e.g: LKP2\_P3\_Kelompok 1)



## Desktop

Reduces frustration and makes Git and GitHub workflows more approachable.

✓ **Benefit:** Open Source by GitHub, free for everyone.

Developer tools



With Canva, anyone can create professional looking graphics and designs. Featuring thousands of templates and an easy to use editor.

✓ **Benefit:** Free 12 month subscription of Canva's Pro tier.



## Microsoft Azure

Access to Microsoft Azure cloud services and learning resources – no credit card required

✓ **Benefit:** Free access to 25+ Microsoft Azure cloud services plus \$100 in Azure credit.



## HEROKU

A flexible, easy-to-use platform to deploy, run, and manage your apps.

✓ **Benefit:** One free Hobby Dyno for up to two years.

Cloud



## mongoDB®

A general purpose, document-based, distributed database built for modern application developers and for the cloud era.

✓ **Benefit:** \$200 in MongoDB Atlas Credits, plus access to MongoDB Compass and MongoDB University including free certification.

Infrastructure & APIs



## ICONS8

Icons8 provides design resources: icons, UI illustrations, photos and software to class up your projects.

✓ **Benefit:** 3-month All Access subscription with icons, photos, illustrations, and music.



Advance your skills with in-depth JavaScript, Node.js & front-end engineering courses.

✓ **Benefit:** Free 6-months access to all courses and workshops.

Learn



DataCamp helps companies and individuals make better use of data. Our users build data fluency while learning from the world's top data scientists.

✓ **Benefit:** Free 3-month individual subscription for students.

Learn



Level up on trending coding skills at your own pace with interactive, text-based courses.

✓ **Benefit:** Get 6 free months of 60+ courses covering in-demand topics like Web Development, Python, Java, and Machine Learning.

Learn

**Any questions?**

THANK YOU