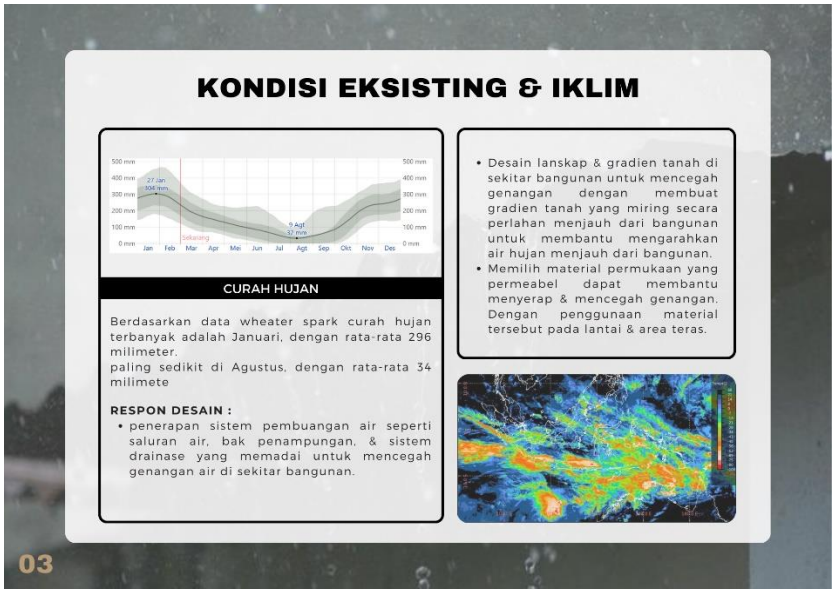
Lampiran

Conceptual Design

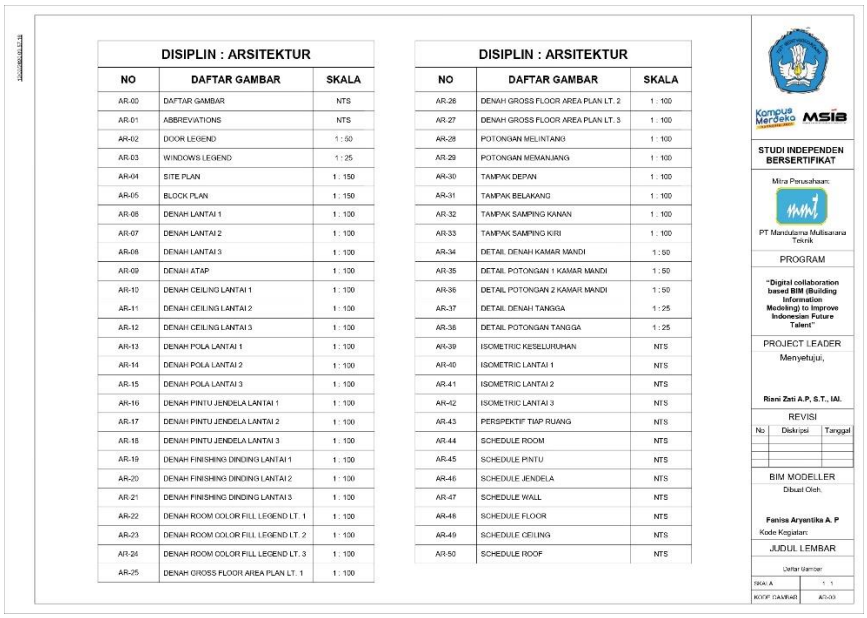


Gambar 3. Contoh Tugas *Conceptual Design*

Advance Skill Architecture

Gambar 4. Contoh Tugas *Advanced Skill Architecture*

Detailed Engineering Drawing (DED)



DISIPLIN : ARSITEKTUR		
NO	DAFTAR GAMBAR	SKALA
AR-00	DAFTAR GAMBAR	NTS
AR-01	ABBREVIATIONS	NTS
AR-02	DOOR LEGEND	1 : 50
AR-03	WINDOWS LEGEND	1 : 25
AR-04	SITE PLAN	1 : 150
AR-05	BLOCK PLAN	1 : 150
AR-06	DENAH LANTAI 1	1 : 100
AR-07	DENAH LANTAI 2	1 : 100
AR-08	DENAH LANTAI 3	1 : 100
AR-09	DENAH ATAP	1 : 100
AR-10	DENAH CEILING LANTAI 1	1 : 100
AR-11	DENAH CEILING LANTAI 2	1 : 100
AR-12	DENAH CEILING LANTAI 3	1 : 100
AR-13	DENAH POLA LANTAI 1	1 : 100
AR-14	DENAH POLA LANTAI 2	1 : 100
AR-15	DENAH POLA LANTAI 3	1 : 100
AR-16	DENAH PINTU JENDELA LANTAI 1	1 : 100
AR-17	DENAH PINTU JENDELA LANTAI 2	1 : 100
AR-18	DENAH PINTU JENDELA LANTAI 3	1 : 100
AR-19	DENAH FINISHING DINDING LANTAI 1	1 : 100
AR-20	DENAH FINISHING DINDING LANTAI 2	1 : 100
AR-21	DENAH FINISHING DINDING LANTAI 3	1 : 100
AR-22	DENAH ROOM COLOR FILL LEGEND LT. 1	1 : 100
AR-23	DENAH ROOM COLOR FILL LEGEND LT. 2	1 : 100
AR-24	DENAH ROOM COLOR FILL LEGEND LT. 3	1 : 100
AR-25	DENAH GROSS FLOOR AREA PLAN LT. 1	1 : 100

DISIPLIN : ARSITEKTUR		
NO	DAFTAR GAMBAR	SKALA
AR-26	DENAH GROSS FLOOR AREA PLAN LT. 2	1 : 100
AR-27	DENAH GROSS FLOOR AREA PLAN LT. 3	1 : 100
AR-28	POTONGAN MELINTANG	1 : 100
AR-29	POTONGAN MEMANJANG	1 : 100
AR-30	TAMPAK DEPAN	1 : 100
AR-31	TAMPAK BELAKANG	1 : 100
AR-32	TAMPAK SAMPING KANAN	1 : 100
AR-33	TAMPAK SAMPING KIRI	1 : 100
AR-34	DETAIL DENAH KAMAR MANDI	1 : 50
AR-35	DETAIL POTONGAN 1 KAMAR MANDI	1 : 50
AR-36	DETAIL POTONGAN 2 KAMAR MANDI	1 : 50
AR-37	DETAIL DENAH TANGGA	1 : 25
AR-38	DETAIL POTONGAN TANGGA	1 : 25
AR-39	ISOMETRIC KESELURUHAN	NTS
AR-40	ISOMETRIC LANTAI 1	NTS
AR-41	ISOMETRIC LANTAI 2	NTS
AR-42	ISOMETRIC LANTAI 3	NTS
AR-43	PERSPEKTIF TIAP RUANG	NTS
AR-44	SCHEDULE ROOM	NTS
AR-45	SCHEDULE PINTU	NTS
AR-46	SCHEDULE JENDELA	NTS
AR-47	SCHEDULE WALL	NTS
AR-48	SCHEDULE FLOOR	NTS
AR-49	SCHEDULE CEILING	NTS
AR-50	SCHEDULE ROOF	NTS

Kampus Merdeka MSIB

STUDI INDEPENDEN BERSERTIFIKAT

Mitra Perusahaan:

PT Mandutama Multisarana Teknik

PROGRAM

"Digital collaboration based BIM (Building Information Modeling) to Improve Indonesian Future Talent"

PROJECT LEADER

Menyetujui,

Rani Zeti A.P, S.T., IAI.

REVISI

No	Diskripsi	Tanggal

BIM MODELLER

Dibuat Oleh,

Feniss Aryantika A. P

Kode Kegiatan:

JUDUL LEMBAR

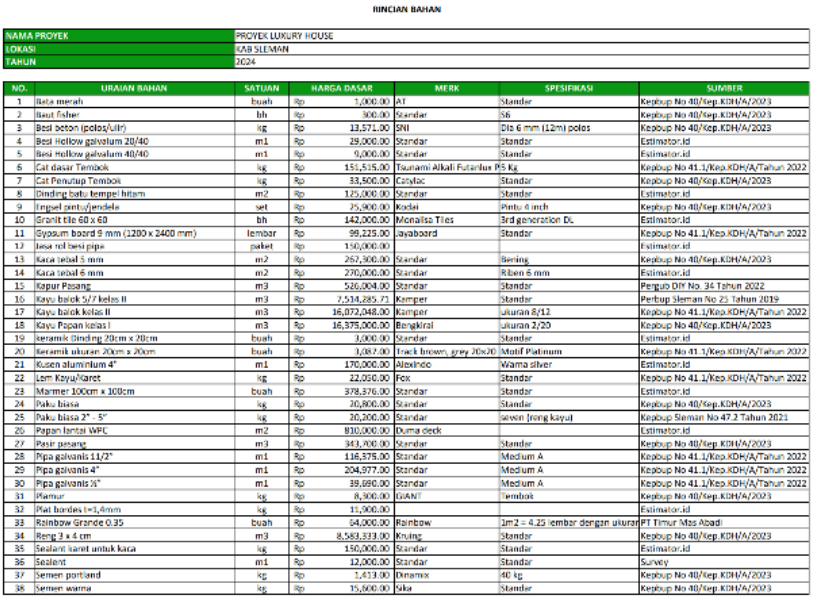
Daftar Gambar

SKALA : 1 : 1

KODE GAMBAR : AR-00

Gambar 5. Contoh Tugas DED

Detailed Cost Estimate



RINCIAN BAHAN

NAMA PROYEK	PROYEK LUXURY HOUSE
LOKASI	KAB SLEMAN
TAHUN	2024

NO.	URAIAN BAHAN	SATUAN	HARGA DASAR	MERK	SPESIFIKASI	SUMBER
1	Bata merah	buah	Rp 1,000.00	AT	Standar	Kepbup No 40/Kep.KDH/A/2023
2	Baut fisher	bh	Rp 900.00	Standar	S6	Kepbup No 40/Kep.KDH/A/2023
3	Besi beton (polos/ulir)	kg	Rp 13,571.00	SNI	Dia 6 mm (12m) polos	Kepbup No 40/Kep.KDH/A/2023
4	Besi Hollow galvalum 20/40	m1	Rp 29,000.00	Standar	Standar	Estimator.id
5	Besi Hollow galvalum 40/40	m1	Rp 9,000.00	Standar	Standar	Estimator.id
6	Cat dasar Tembok	kg	Rp 151,515.00	Tsunami Alkali Futanlux P5 Kg		Kepbup No 41.1/Kep.KDH/A/Tahun 2022
7	Cat Penutup Tembok	kg	Rp 33,500.00	Catylac	Standar	Kepbup No 40/Kep.KDH/A/2023
8	Dinding batu tempel hitam	m2	Rp 125,000.00	Standar	Standar	Estimator.id
9	Engsel pintu/jendela	set	Rp 25,000.00	Kedei	Pintu 6 inch	Kepbup No 40/Kep.KDH/A/2023
10	Granit tile 60 x 60	bh	Rp 142,000.00	Monalisa Tiles	3rd generation DL	Estimator.id
11	Gypsum board 9 mm (1200 x 2400 mm)	lembar	Rp 99,225.00	Jayaboard	Standar	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
12	Jasa roll besi pipa	paket	Rp 150,000.00			Estimator.id
13	Kaca tebal 5 mm	m2	Rp 267,300.00	Standar	Bening	Kepbup No 40/Kep.KDH/A/2023
14	Kaca tebal 6 mm	m2	Rp 270,000.00	Standar	Riben 6 mm	Estimator.id
15	Kapur Pasang	m3	Rp 526,004.00	Standar	Standar	Perbup DIY No. 34 Tahun 2022
16	Kayu balok 5/7 kelas II	m3	Rp 7,514,285.71	Kemper	Standar	Perbup Sleman No 25 Tahun 2019
17	Kayu balok kelas II	m3	Rp 16,072,048.00	Kemper	ukuran 8/12	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
18	Kayu Papan kelas I	m3	Rp 16,375,000.00	Bengkirai	ukuran 2/20	Kepbup No 40/Kep.KDH/A/2023
19	keramik Dinding 20cm x 20cm	buah	Rp 3,000.00	Standar	Standar	Estimator.id
20	Keramik ukuran 20cm x 20cm	buah	Rp 3,087.00	Track brown, grey 20x20	Motif Platinum	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
21	Kusen aluminium 4"	m1	Rp 170,000.00	Alexindo	Warna silver	Estimator.id
22	Lem Kayu/Karet	kg	Rp 22,050.00	Fox	Standar	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
23	Marmer 100cm x 100cm	buah	Rp 378,376.00	Standar	Standar	Estimator.id
24	Paku biasa	kg	Rp 20,800.00	Standar	Standar	Kepbup No 40/Kep.KDH/A/2023
25	Paku biasa 2" - 5"	kg	Rp 20,200.00	Standar	Sesuai [rong kayu]	Kepbup Sleman No 47.2 Tahun 2021
26	Papan lantai WPC	m2	Rp 810,000.00	Duma deck		Estimator.id
27	Pasir pasang	m3	Rp 343,700.00	Standar	Standar	Kepbup No 40/Kep.KDH/A/2023
28	Pipa galvanis 11/2"	m1	Rp 116,375.00	Standar	Medium A	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
29	Pipa galvanis 4"	m1	Rp 204,977.00	Standar	Medium A	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
30	Pipa galvanis ½"	m1	Rp 39,690.00	Standar	Medium A	Kepbup No 41.1/Kep.KDH/A/Tahun 2022
31	Plamur	kg	Rp 8,900.00	GIANT	Tembok	Kepbup No 40/Kep.KDH/A/2023
32	Plat bordes t=1,4mm	kg	Rp 11,000.00			Estimator.id
33	Rainbow Grande 0.35	buah	Rp 64,000.00	Rainbow	1m2 = 4.25 lembar dengan ukuran	PT Timur Mas Abadi
34	Reng 3 x 4 cm	m3	Rp 8,583,333.00	Kruing	Standar	Kepbup No 40/Kep.KDH/A/2023
35	Sealant karet untuk kaca	kg	Rp 150,000.00	Standar	Standar	Estimator.id
36	Sealent	m1	Rp 12,000.00	Standar	Standar	Survey
37	Semen portland	kg	Rp 1,413.00	Dinamix	40 kg	Kepbup No 40/Kep.KDH/A/2023
38	Semen warna	kg	Rp 15,600.00	Sika	Standar	Kepbup No 40/Kep.KDH/A/2023

Gambar 6. Contoh Tugas RAB

Sertifikat LMS

STUFAST

CERTIFICATE

THIS CERTIFICATE IS PRESENTED TO

FANISA ARYANTIKA AMANDA PUTRI

Digital Engineering Collaboration in BIM Ecosystem

Has Succesfuly completing Stufast Program

From 26 March 2024 - 20 June 2024

100% completed

Yogyakarta, 20 June 2024

STUFAST

Stufast Learning Center

Laporan Pembelajaran

Nama Lengkap : FANISA ARYANTIKA AMANDA PUTRI
Tanggal Pendaftaran : 26 March 2024
Bundling : Digital Engineering Collaboration in BIM Ecosystem
Status : Selesai

No	Materi	Nilai
1	BIM Introduction & Fundamental Knowlegde	76
2	Visualization & Collaboration	80
3	Rendering & Visualisation Architecture	84
4	Architecture BIM Engineer	68
5	Working with BIM Family	80
6	Simulation And Clash Detection	80
7	Detailed Cost Estimate	92
8	Documentations Report	80
	Nilai Rata-rata	80

Yogyakarta, 20 June 2024

STUFAST

Stufast Learning Center

Gambar 7. Salah Satu Sertifikat LMS