

	Plan	Do	Check	Act
Panen	<ul style="list-style-type: none"> RKT → RKB → RKH Taksasi Panen → Man, Material & Transport Plan (Sumber Daya) Jadwal & Rotasi 	<ul style="list-style-type: none"> Ancak Panen BKM untuk TPH & Collection Point Sortasi & Grading Estimasi Tonase 	<ul style="list-style-type: none"> Laporan Yield (Ha / Ton) Progres Pencapaian Cek Mutu Ancak Zero Restan 	<ul style="list-style-type: none"> Catatan & Rencana Perbaikan / Peningkatan Catatan & Rencana (Re)alokasi Sumber Daya
Upkeeping (Pupuk, Chemist, dsb)	<ul style="list-style-type: none"> RKT → RKB → RKH Taksasi Pupuk → Man, Material & Transport Plan Jadwal & Rotasi Alokasi Inspeksi Lapangan 	<ul style="list-style-type: none"> Ancak Pupuk BKM untuk Upkeeping Spot Check Catatan Material Terpakai Catatan Inspeksi Lapangan 	<ul style="list-style-type: none"> Laporan Realisasi Progres Pencapaian Cek Mutu Upkeeping Cek Material Terpakai Laporan Inspeksi Lapangan 	<ul style="list-style-type: none"> Catatan & Rencana Perbaikan / Peningkatan Catatan & Rencana (Re)alokasi Sumber Daya dan Material Catatan & Rencana Pemeliharaan Lapangan
Transportasi	<ul style="list-style-type: none"> RKT → RKB → RKH Rencana Traksi berdasarkan Taksasi & Kebutuhan Lapangan Jadwal & Ritase 	<ul style="list-style-type: none"> Pengangkutan SPB Tonase PKS (Weigh Bridge) 	<ul style="list-style-type: none"> Laporan Realisasi Laporan Ritase 	<ul style="list-style-type: none"> Catatan & Rencana Perbaikan / Peningkatan Catatan & Rencana (Re)alokasi Traksi
Administrasi Kebun	<ul style="list-style-type: none"> Rekap Rencana, Alokasi, Jadwal, dsb Rencana & Alokasi Material dan Keuangan 	<ul style="list-style-type: none"> Pengolahan Data Pekerja → Premi / Pembayaran Realisasi Premi / Pembayaran 	<ul style="list-style-type: none"> Laporan Realisasi Premi / Pembayaran Cek terhadap Anggaran / Alokasi 	<ul style="list-style-type: none"> Catatan & Rencana Perbaikan / Peningkatan Catatan & Rencana (Re)alokasi Anggaran

@ Estate /
Regional Offices

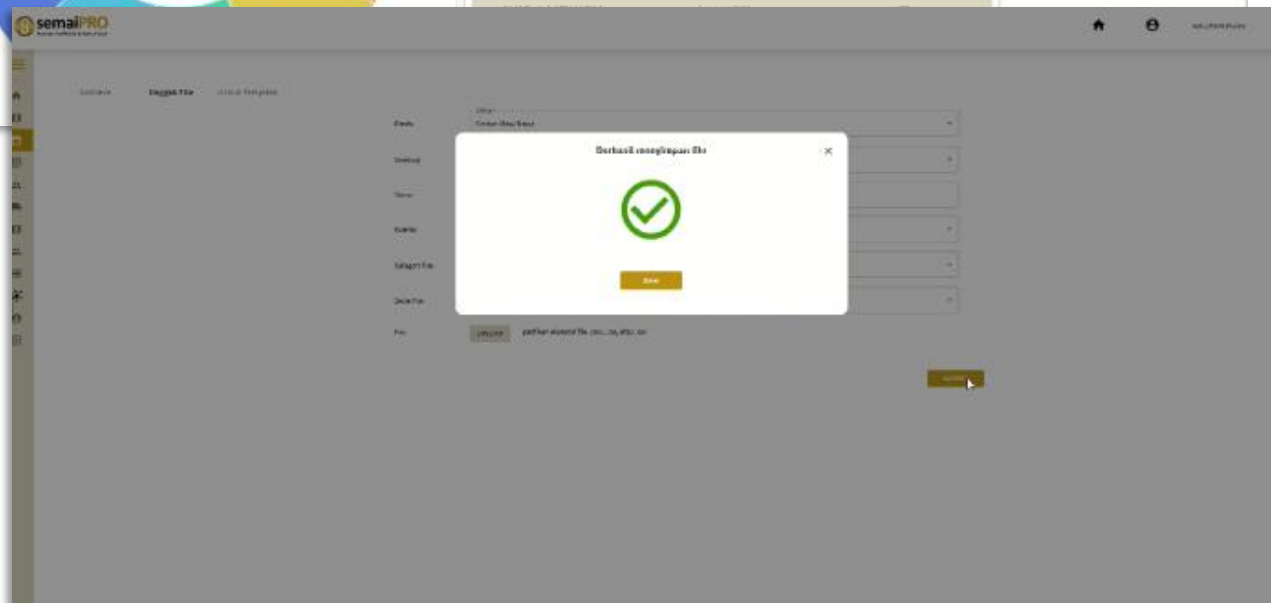
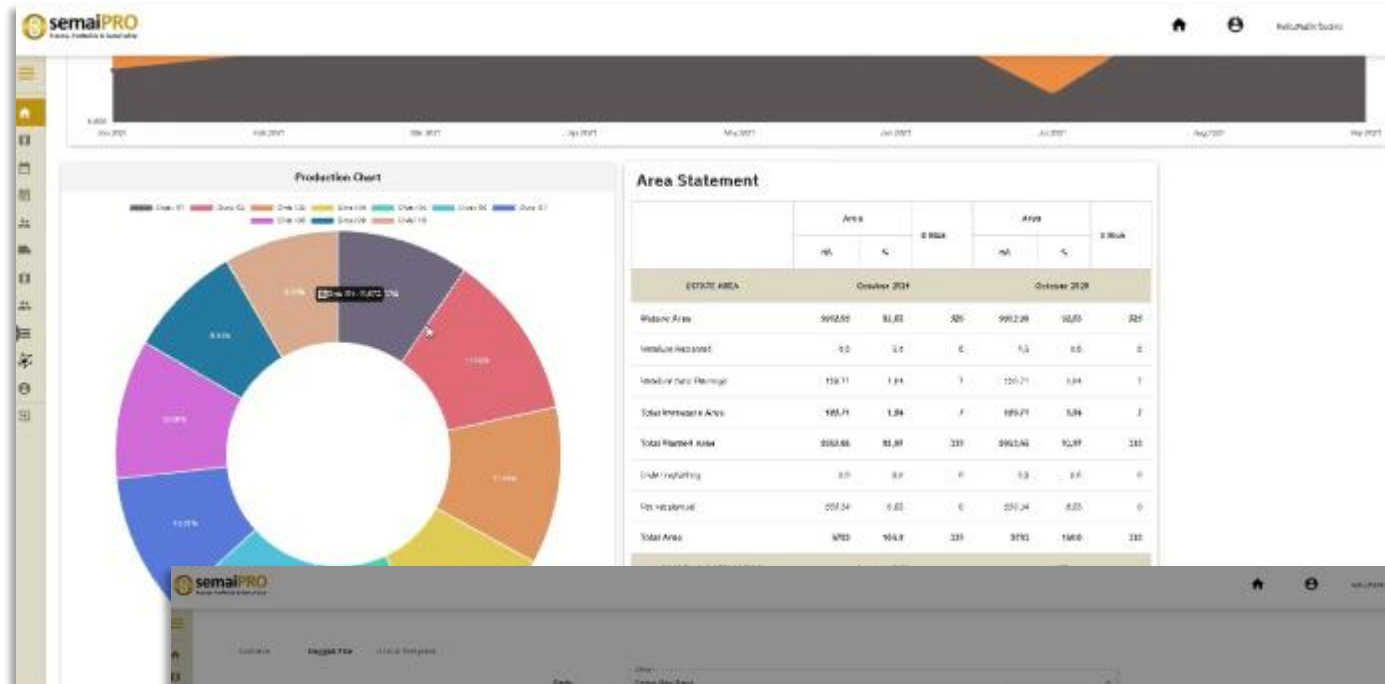
Use Case #1: Dashboard

Use Case #2: Download
Template RKT & Upload RKT

Use Case #3: Monitoring of
Harvesting Rotation Plan &
Realization

Use Case #4: Harvesting
Monitoring

Use Case #5: Transportation
Route Planning



User(s)

- Division Assistant
- Estate Manager
- Management & C-Level
- Head Office Staff

Use Case Description

- Monitoring the harvesting and planning data

User(s)

- Division Assistant
- Estate Manager

Use Case Description

- Rencana Kerja Tahunan (RKT) in XLS file uploaded to semaiPRO Kelola;
- with RKT File Explorer; and
- RKT Budget breakdown per activity

 @ Estate /
Regional Offices

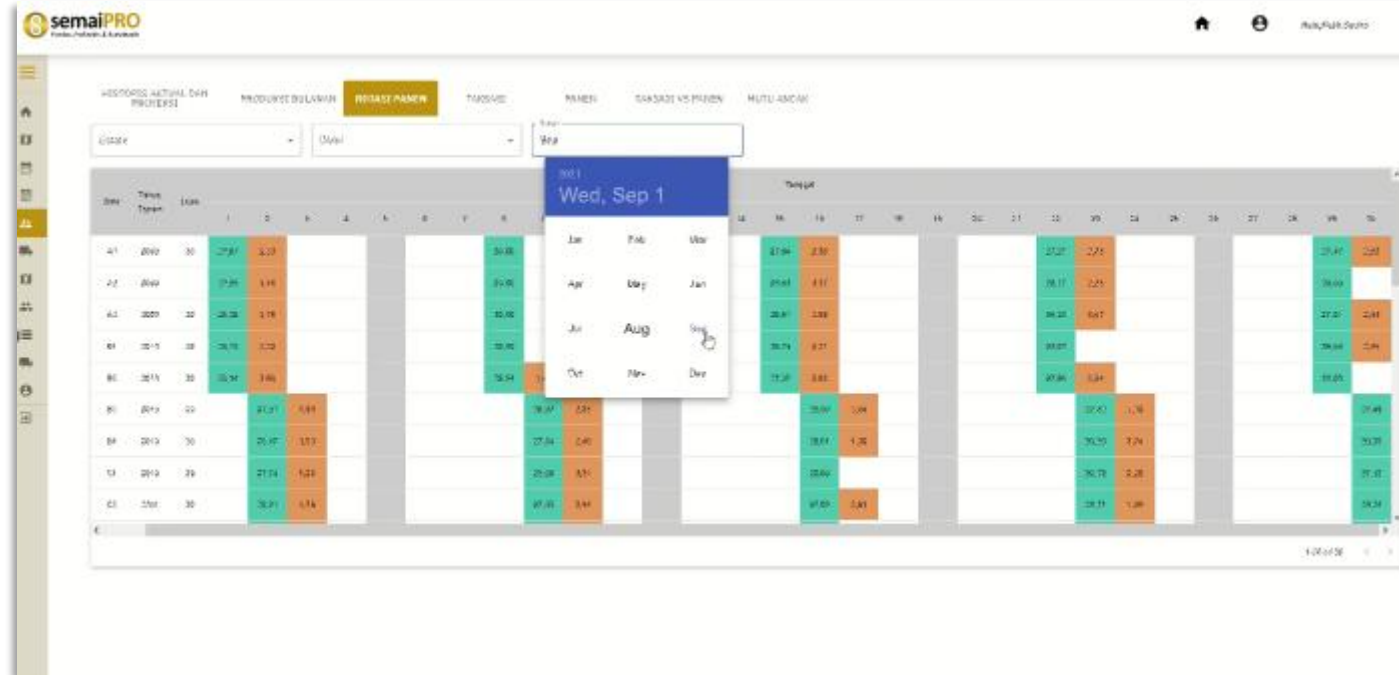
Use Case #1: Dashboard

Use Case #2: Download
Template RKT & Upload RKT

**Use Case #3: Monitoring of
Harvesting Rotation Plan &
Realization**

Use Case #4: Harvesting
Monitoring

Use Case #5: Transportation
Route Planning



User(s)

- Division Assistant
- Estate Manager

Use Case Description

- Monitoring of Harvesting Rotation based on RKB vs. Actual Realization

@ Estate / Regional Offices

Use Case #1: Dashboard

Use Case #2: Download Template RKT & Upload RKT

Use Case #3: Monitoring of Harvesting Rotation Plan & Realization

Use Case #4: Harvesting Monitoring

Use Case #5: Transportation Route Planning

Riwayat Panen

Muat ulang List Pilih pengguna Pilih kebun Filter lainnya 05/06/2023

Riwayat Panen

Muat ulang Pilih pengguna Pilih kebun Dari tang... sampai

NO.	Foto Panen	Tanggal panen	Dibuat Oleh	Komentar	Tanggal Tindakan	Blok	TPH	Total JGG	Total Panen (kg)
1		19 Mei 2023 17:13	Pramudi	komentar	Tanggal tinda...	M12	4	11	250
2		19 Mei 2023 17:13	Pramudi	komentar	Tanggal tinda...	M12	3	18	408

SawitWeb **Produksi Kebun** **Penerimaan PKS**

Pilih estate Pilih afdeling Pilih blok Pilih tahun tanam 31/07/2023 Snapshot

Panen Hari Ini 31 Jul 2023: 11.807 kg
 Janjang Hari Ini 31 Jul 2023: 1.286 jjs
 Restan Hari Ini 31 Jul 2023: 0 jjs

Panen Kemarin 28 Jul 2023: 7.633 kg
 Janjang Kemarin 28 Jul 2023: 693 jjs

Total Panen Bulan Ini s/d 31 Jul 2023: 57,94%
 Total Janjang Bulan Ini s/d 31 Jul 2023: 61,42%

Produksi Kebun vs Penerimaan PKS

TT BJR Acuan: Tidak ada data yang tersedia.

User(s)

- Division Assistant
- Estate Manager

Use Case Description

- Monitoring the harvesting
- Export to XLS files

**@ Estate /
Regional Offices**

Use Case #1: Dashboard

Use Case #2: Download Template RKT & Upload RKT

Use Case #3: Monitoring of Harvesting Rotation Plan & Realization

Use Case #4: Harvesting Monitoring

Use Case #5: Transportation Route Planning

User(s)

- Estate Traction PIC

Use Case Description

- Assigning Transporter (truck) to Division / Afdeling and Block

Logistic Fleets Monitoring Dashboard

Operating Fleets
30

List of Operating Trucks

Registration Number: B 3040 KUZ Vendor: PT. Rajawali Sarana Utama Driver Name: Basuki Phone Number: 6282074151700 Load: 17 tons Speed: 46 km/h Fuel: 46 liter
Registration Number: B 8274 SDU Vendor: PT. Rajawali Sarana Utama Driver Name: Fikri Mujahid Phone Number: 6281907872972 Load: 0 tons Speed: 50 km/h Fuel: 92 liter
Registration Number: B 2635 BRT Vendor: PT. Rajawali Sarana Utama Driver Name: Adi Sero Phone Number: 6281768994666 Load: 20 tons Speed: 48 km/h Fuel: 83 liter
Registration Number: B 3748 ETY Vendor: PT. Utama Bhakti Driver Name: Rahmat Santoso Phone Number: 6281541320124 Load: 21 tons Speed: 55 km/h Fuel: 47 liter
Registration Number: B 2901 NRE Vendor: PT. Rajawali Sarana Utama Driver Name: Syahri Phone Number: 6281349276029 Load: 22 tons Speed: 50 km/h Fuel: 24 liter
Registration Number: B 2523 VGH Vendor: PT. Rajawali Sarana Utama Driver Name: Syahri Phone Number: 6281349276029 Load: 22 tons Speed: 50 km/h Fuel: 24 liter

Truck Monitoring - Historical: Awaluddin Siregar

Registration: B 2273 UIF
Number: 21
Load (Ton): 21
Vendor: PT. Mandaya Logistik
Driver Name: Awaluddin Siregar
Driver Phone No: 628132736744700
Speed: 52
Heading: 314
Fuel (%): 55
Timestamp: 2/3/2021, 2:08 PM

Registration Number: B 2273 UIF
Vendor: PT. Mandaya Logistik
Driver Name: Awaluddin Siregar
Phone Number: 6281327367447
Load: 21 tons
Speed: 53 km/h

@ Estate Field,
Panen

Use Case #1: Download RKH & Manual Input

Use Case #2: Harvesting Worker Attendance Check & Assignment (Ancak)

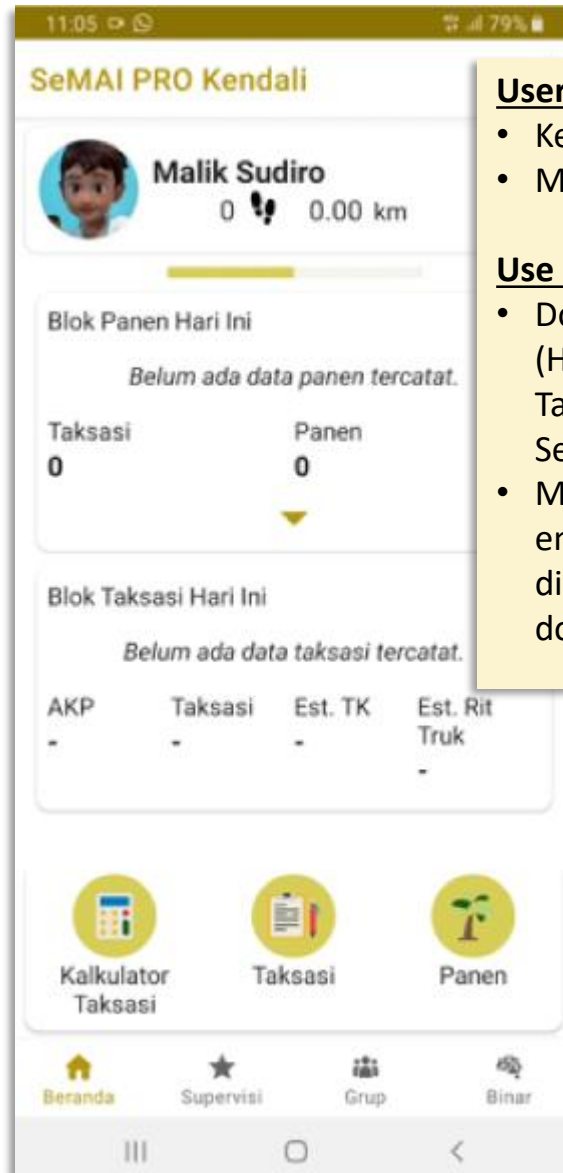
Use Case #3: Taksasi

Use Case #4: Grading & Input Panen TPH

Use Case #5: Field QC (Check Mutu Ancak)

Use Case #6: Harvesting RKH Realization Input

Use Case #7: FFB Transport / Evacuate Realization Input



User(s)

- Kerani Panen
- Mandor Panen

Use Case Description

- Download RKH (Harvesting Block & Taksasi Block) from Server to Apk;
- Manual RKH data entry as option if any disturbance on download



User(s)

- Mandor Panen (Harvesting Supervisor)

Use Case Description

- Add new Harvesting Worker
- Harvesting Worker Attendance Check
- Ancak Panen Assignment

@ Estate Field, Panen

Use Case #1: Download RKH & Manual Input

Use Case #2: Harvesting Worker Attendance Check & Assignment (Ancak)

Use Case #3: Taksasi

Use Case #4: Grading & Input Panen TPH

Use Case #5: Field QC (Check Mutu Ancak)

Use Case #6: Harvesting RKH Realization Input

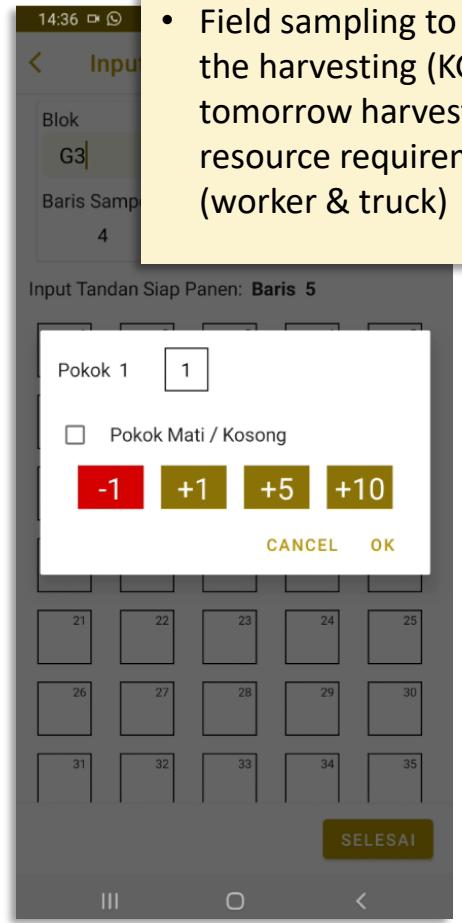
Use Case #7: FFB Transport / Evacuate Realization Input

User(s)

- Mandor Panen (Harvesting Supervisor)

Use Case Description

- Field sampling to calculate the harvesting (KG) for tomorrow harvesting resource requirements (worker & truck)



**Offline (tanpa Internet)
AI Grading & Counting**

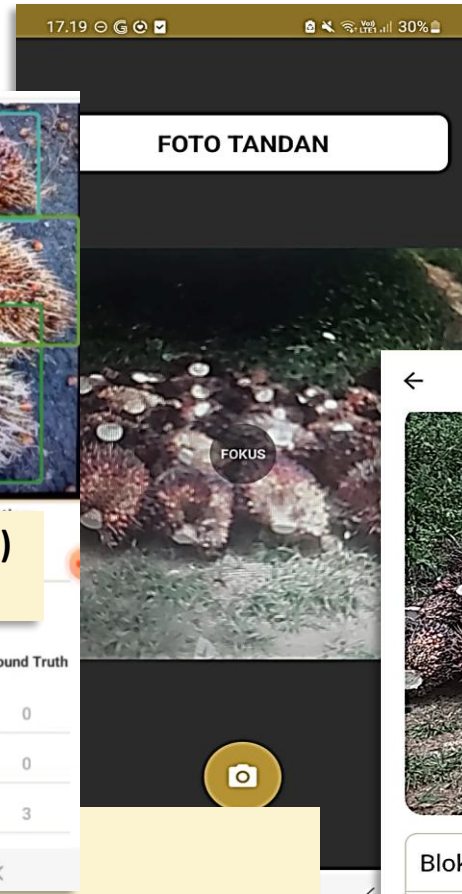
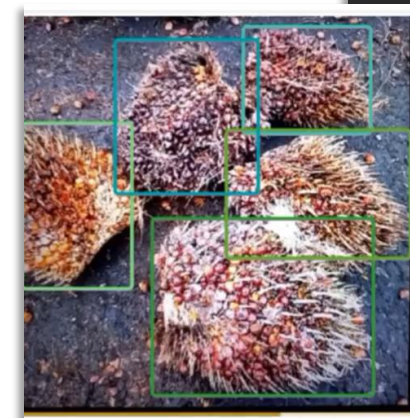
Level	Alesia	Ground Truth
empty_bunch	0	0
overripe	0	0
ripe	3	3

User(s)

- Kerani Panen
- Mandor Panen

Use Case Description

- Artificial Intelligence (AI) Deep-Learning (DL) based grading & counting of Fresh Fruit Bunches (FFB) at TPH
- Artificial Intelligence (AI) Deep-Learning (DL) based grading of Lose Fruits (LF, Brondolan)
- Option for writing data to NFC Card



Detil Jeprin Pa...

Blok - Tahun Tanam	H9 - 2004
TPH	1
Jumlah TBS (Jjg)	60
BJR Kebun (Kg)	14.90
Tonase (Kg)	894.00
Lokasi	106.8117966/-6.1665118
Perubahan Data (Kali)	0

@ Estate Field, Panen

Use Case #1: Download RKH & Manual Input

Use Case #2: Harvesting Worker Attendance Check & Assignment (Ancak)

Use Case #3: Taksasi

Use Case #4: Grading & Input Panen TPH

Use Case #5: Field QC (Check Mutu Ancak)

Use Case #6: Harvesting RKH Realization Input

Use Case #7: FFB Transport / Evacuate Realization Input

01:26 43%

Input Sampling Inspeksi

Blok **G1** Baris **12**

Nomor Pokok **25**

Jenis Ketidaksesuaian

- M1 : Buah matang tidak dipanen
- M2 : Buah panen tertinggal
- M3 : Buah matahari
- M4 : Brondolan tertinggal
- M5 : Bekas pruning kurang pendek

User(s)

- Mandor Panen (Harvesting Supervisor)

Use Case Description

- Field sampling QC for completed harvesting activity

01:28 42%

Cek Mutu Ancak

Blok **G1**

Jumlah Baris **128**

Besar Sampel **30 %** 38 Baris

+ INPUT INSPEKSI

Baris	M1	M2	M3	M4	M5	M6	M7	M8	M9
12	0	2	0	2	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0
Total	0	2	0	2	0	0	1	0	0

M1 : Buah matang tidak dipanen
 M2 : Buah panen tertinggal
 M3 : Buah matahari
 M4 : Brondolan tertinggal
 M5 : Bekas pruning kurang pendek
 M6 : Pelepah sengkleh
 M7 : Pelepah tidak dirapihkan
 M8 : Under pruning
 M9 : Over pruning

SELESAI

Dashboard Jeprin Pa...

Selamat Sore
E Enggal
 Mandor Wilayah
 enggal@kemj.semaikebun.com

Tanggal
 Monday, 05 Jun 2023

TBS : 256 Jjg, Tonase : 3,734.47 Kg

K02 | 5
 30 Jjg
 14:21:16 ✓

K02 | 3
 30 Jjg
 14:20:40 ✓

User(s)

- Mandor Panen (Harvesting Supervisor)

Use Case Description

- Show record of harvesting in assigned block
- Reporting completion (or not completed) of harvesting in assigned block

User(s)

- Kerani Panen / Kerani Traksi / Supir

Use Case Description

- Check and Input regarding Evacuated / Transported FFB (Restan)
- Option for writing data to NFC Card

Detil JEPRIN S...

Tanggal **Tuesday, 14 March 2023**

Nomor SPB **0001/JL/III/2023**

Nopol **DA 7777 XX**

Tujuan Pengantaran SPB **PT ABC**

Jumlah TBS (Jjg) **113**

Estimasi Tonase (Kg) **2,559.45**

Perubahan Data (Kali) **1**

Blok - Janjang
M12 - 2004 **113 Jjg**

@ Estate Field, Upkeeping

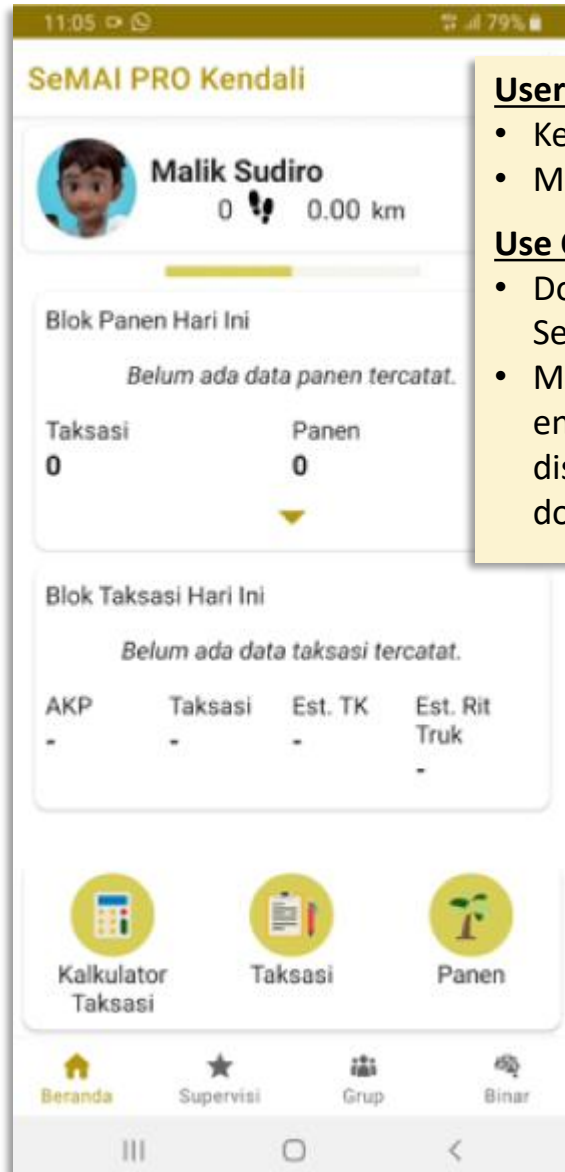
Use Case #1: Download RKH & Manual Input

Use Case #2: Upkeeping Worker Attendance Check & Assignment (Ancak)

Use Case #3: Fertilizer / Material Check

Use Case #4: Upkeeping Real. Input & Sport Check

Use Case #5: Maintenance Realization Input



User(s)

- Kerani Rawat
- Mandor Rawat

Use Case Description

- Download RKH from Server to Apk;
- Manual RKH data entry as option if any disturbance on download



User(s)

- Mandor Rawat (Upkeeping Supervisor)

Use Case Description

- Upkeeping Worker Attendance Check
- Activity Assignment (Ancak)

Nama	Status	Blok	Ancak	Ancak
AHMAD	Hadir	G1	1	31
TONI	Hadir	G1	1	31
SIDIK	Hadir	G1	1	31

@ Estate Field, Upkeeping

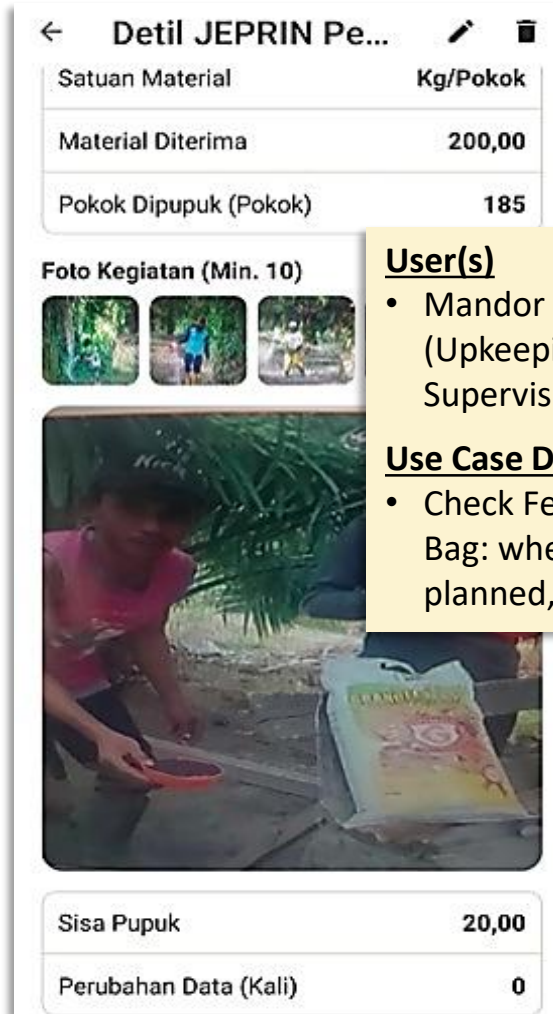
Use Case #1: Download RKH & Manual Input

Use Case #2: Upkeeping Worker Attendance Check & Assignment (Ancak)

Use Case #3: Fertilizer / Material Check

Use Case #4: Upkeeping Real. Input & Sport Check

Use Case #5: Maintenance Realization Input



User(s)

- Mandor Rawat (Upkeeping Supervisor)

Use Case Description

- Check Fertilizer Bag: whether as planned, etc

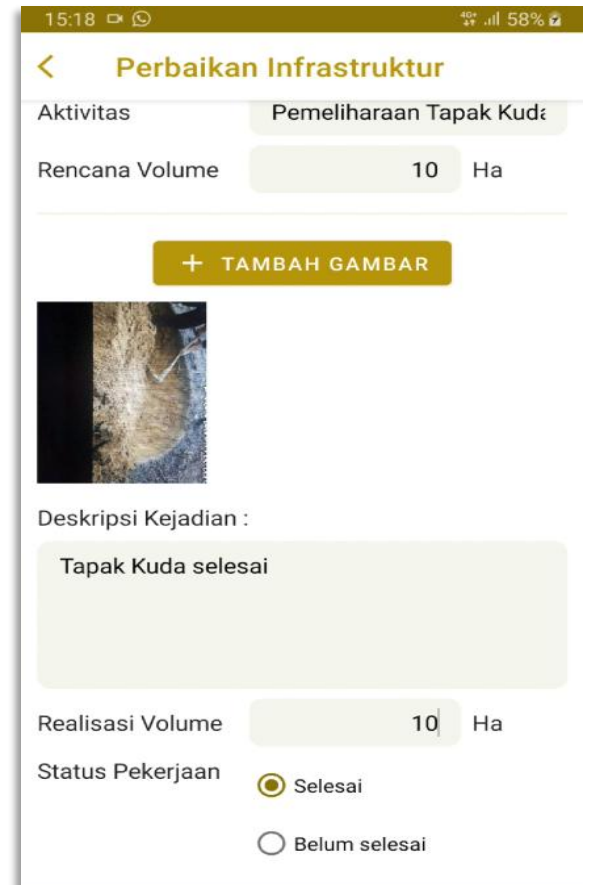


User(s)

- Mandor Rawat (Upkeeping Supervisor)

Use Case Description

- Input whether RKH Realization is completed as planned or not



@ Estate / Regional Offices

Use Case #1: Budget

Use Case #2: Payroll

Primary Report Reset

Latex Pagi, Mandays, Latex Sore, Cup Lump, Treelace

Employee	Type	Location Code	Tapping System	Ancak..	Mandays	Hectara	Atten	Latex Pagi	Latex Sore	Cup Lump	Treelace
611100235 - SYARIFUDDIN	RB	S2H00505 - ESTATE 2 Afdeling OH...	S/2 d/3	7	1.00	3	KJ	6	0	1	0
61110034 - FOZA GULE	RB	S2H00909 - ESTATE 2 Afdeling OH...	S/2 d/3	1	1.00	2	KJ	5	0	1	0
61110036 - ARISMAN	RB	S2B02310 - ESTATE 2 Afdeling OB ...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
61110036 - ARISMAN	RB	S2H00909 - ESTATE 2 Afdeling OH...	S/2 d/3	2	0.50	4	KJ	3	0	2	0
611120116 - MARIUS ZEBUA	RB	S2H00909 - ESTATE 2 Afdeling OH...	S/2 d/3	3	0.50	2	KJ	4	0	0	0
611130048 - RIAN GIAWA	RB	S2H00505 - ESTATE 2 Afdeling OH...	S/2 d/3	1	1.00	2	KJ	5	0	1	0
611130048 - RIAN GIAWA	RB	S2H00202 - ESTATE 2 Afdeling OH...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
611130050 - RIAN TO NDURU	RB	S2H00505 - ESTATE 2 Afdeling OH...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
611140041 - HAJANOLO WA...	RB	S2H00505 - ESTATE 2 Afdeling OH...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
611140055 - MARLOS	RB	S2H00202 - ESTATE 2 Afdeling OH...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
612160192 - ARIF GIAWA OH	RB	S2H00505 - ESTATE 2 Afdeling OH...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0

Daily Activity Harvesting \ Detail Activity

Work Group: SP21POH1 - KEMANDORAN PANEN OH 1 | Activity Date: 02-JUL-2018

* Foreman / Mandore: 611110006 - AZHAR | Clerk / Kerani: 612151843 - YA'ARO WARUWU OG

Rotation: 2 | Tapping Time: Pagi | Using Stimulan: Yes

First Foreman / Mandore Satu: 612170036 - RISKO M. BERUTU OB | Verification Status: Draft

Primary Report Reset

Latex Pagi, Mandays, Latex Sore, Cup Lump, Treelace

Employee	Class	Activity	Type	Location Code	Tapping System	Ancak	Mandays	Hectarag	Atten	Latex Pagi	Latex Sore	Cup Lump	Treelace
611110036 - ARISMAN	B	52010001 - Tapping	RB	S2H00909 - ESTATE 2 Afdel...	S/2 d/3	2	0.50	4	KJ	3	0	2	0
611110034 - FOZA GULE	A	52010001 - Tapping	RB	S2H00909 - ESTATE 2 Afdel...	S/2 d/3	1	1.00	2	KJ	5	0	1	0
611110036 - ARISMAN	B	52010001 - Tapping	RB	S2B02310 - ESTATE 2 Afdel...	S/2 d/3	1	0.50	2	KJ	2.5	0	1	0
611120116 - MARIUS ZEBUA	B	52010001 - Tapping	RB	S2H00505 - ESTATE 2 Afdel...	S/2 d/3	3	0.50	2	KJ	4	0	0	0

1 rows selected

Budget Estate Cost

Year	Component	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Notes
2018	Employee	101,802,692.52	23,341,594.94	22,555,498.81	11,718,355.56	18,610,338.21	16,149,248.10	102,936,338.20	37,510,338.20						
		101,802,692.52	23,341,594.94	22,555,498.81	11,718,355.56	18,610,338.21	16,149,248.10	102,936,338.20	37,510,338.20						
Account Code: 50112002, Account Name: Tempat Pengumpul Hasil - TPH Chemis															
2018	Employee	29,523,322.82	20,393,124.68	4,242,717.03	7,621,169.36	10,327,831.75									
2018	Pesticide and herbicide	179,560,939.29	40,903,403.79	8,509,807.63	15,286,120.81	20,713,455.41	4,367,682.00	0.00	40,903,403.79	8,509,807.63	15,286,120.81	20,713,455.41	4,367,682.00	0.00	JP_LOAD
		269,084,262.11	61,296,528.47	12,752,524.66	22,907,290.17	31,040,519.66	6,545,268.10	0.00	61,296,528.47	12,752,524.66	22,907,290.17	31,040,519.66	6,545,268.10	0.00	
Account Code: 50113002, Account Name: Gawangan - Gawangan Chemis															
2018	Employee	338,384,291.29	38,728,385.50	28,024,942.87	38,211,258.47	61,629,807.73	47,387,701.60	36,179,486.66	22,830,927.15	16,643,685.91	15,444,810.79	19,089,066.49	17,818,429.08	5,225,750.10	JP_LOAD
2018	Pesticide and herbicide	217,057,782.19	23,013,109.47	16,118,898.89	22,680,040.38	39,696,579.70	30,503,726.12	23,432,511.72	14,705,704.15	10,720,419.60	9,948,205.26	12,295,221.28	11,477,057.87	8,865,973.21	JP_LOAD
		556,342,003.48	58,741,464.97	41,143,841.76	57,891,298.85	101,326,387.44	77,861,427.73	59,811,998.38	37,536,631.30	27,364,105.59	25,393,019.05	31,384,586.72	29,295,516.39	8,591,725.31	

Field to Screen Visibility

Riwayat Panen

Muat ulang List Pilih pengguna Pilih kebun Filter lainnya 05/06/2023 - 06/06/2023



Riwayat Panen

Muat ulang Pilih pengguna Pilih kebun Dari tang... sampal

NO.	Foto Panen	Tanggal panen	Dibuat Oleh	Komentar	Tanggal Tindakan	Blok	TPH	Total JJG	Total Panen (kg)
1		19 Mei 2023 17:13	Pramudi	komentar	Tanggal tinda...	M12	4	11	250
2		19 Mei 2023 17:13	Pramudi	komentar	Tanggal tinda...	M12	3	18	408

