

LAPORAN KERJA PRAKTEK

SISTEM INFORMASI MARKETING PT GAMATECHNO INDONESIA



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JURUSAN TEKNIK INFORMATIKA
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Penyusun

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BAB I

PENDAHULUAN

1.1 Latar Belakang

Perkembangan teknologi yang berkembang pesat saat ini memberikan kemudahan bagi manusia dalam berbagai hal sehingga semua menjadi efisien. Salah satu perkembangan teknologi informasi yang penting adalah semakin dibutuhkannya *website* sebagai media penyampaian informasi. Hal tersebut dikarenakan semakin berkembangnya internet yang mudah diakses, cepat memberikan informasi, serta tidak dibatasi jarak dan waktu. Kemajuan teknologi ini membuat banyak instansi, lembaga, dan perusahaan menggunakan teknologi berbasis *website* untuk membantu menyebarkan informasi

Untuk meningkatkan kinerja *marketing* dengan memanfaatkan teknologi *website* terkini, PT Gamatechno berencana membuat *website* yang akan digunakan untuk memantau sekaligus mengelola informasi aktivitas dari setiap karyawan dalam *marketing*. Penggunaan *website* tersebut diperuntukkan kepada *Account Manager* (AM) dan *Supervisor* (SV). Seorang *Account Manager* menggunakan *website* ini untuk mengelola rencana kerja dan membuat laporan aktivitas harian kepada *Supervisor*, sedangkan seorang *Supervisor* menggunakan *website* ini untuk memantau aktivitas para *Account Manager*.

PT Gamatechno sebelumnya telah memiliki sistem untuk mengelola informasi aktivitas karyawan, namun masih membutuhkan pengembangan sehingga dapat sesuai dengan kemajuan teknologi yang ada. Untuk itu saat kerja praktek kami diminta untuk melakukan pembuatan *website* untuk mengelola informasi aktivitas karyawan tersebut agar menggunakan teknologi terbaru, mempermudah penggunaan, dan fungsionalitas yang berjalan lancar.

1.2 Materi Kerja Praktek

Materi kerja praktek yang dilaksanakan yaitu pengembangan website pengelolaan aktivitas *marketing* PT Gamatechno yang berbasis web dirancang menggunakan bahasa pemrograman php versi 7.0 dengan *plugin* CodeIgniter sebagai *platform* yang digunakan sebagai wadah untuk implementasi *interface* dan *database*.

1.3 Tujuan dan Manfaat Kerja Praktek

Tujuan kerja praktek (KP) adalah untuk memberikan wawasan dan pengalaman terhadap dunia kerja dengan mengembangkan Sistem Informasi Marketing PT Gamatechno Indonesia.

Manfaat pelaksanaan kerja praktek yang diperoleh sebagai berikut :

1. Mengetahui dan memahami secara umum profil, cara kerja, dan lingkungan kerja dari PT Gamatechno Indonesia.
2. Mampu mengimplementasikan ilmu yang telah didapatkan selama perkuliahan agar dapat bekerja dengan baik secara individu maupun berkelompok di dalam dunia kerja serta dapat lebih memahami bidang pekerjaan yang sedang dijalani.
3. Menambah wawasan baru serta pola pikir untuk menghadapi dunia kerja di masa yang akan datang.

1.4 Tempat dan Waktu Kerja Praktek

Adapun tempat dan waktu pelaksanaan kerja praktek adalah sebagai berikut

Tempat : PT. Gamatechno Indonesia

Alamat : Jl. Cik Di Tiro No.34, Terban, Kec. Gondokusuman, Kota Yogyakarta, Daerah Istimewa Yogyakarta 55223

Waktu pelaksanaan : 7 Januari 2020 – 1 April 2020

1.5 Sistematika Penyusunan

Sistematika penyusunan laporan kerja praktek sebagai berikut :

BAB I PENDAHULUAN

Berisi tentang gambaran keseluruhan isi laporan kerja praktek berupa latar belakang masalah, materi kerja praktek, tujuan kerja praktek, manfaat kerja praktek, tempat dan waktu kerja praktek, dan sistematika penyusunan laporan kerja praktek.

BAB II TINJAUAN UMUM PERUSAHAAN

Berisi tentang gambaran umum perusahaan yang digunakan untuk pelaksanaan kerja praktek mengenai profil perusahaan, visi dan misi, logo, dan lokasi instansi.

BAB III PELAKSANAAN KERJA PRAKTEK

Berisi tentang tinjauan literatur, deskripsi aktivitas, pengamatan dan analisis yang dilakukan selama kerja praktek berlangsung.

BAB IV HASIL DAN PEMBAHASAN

Berisi tentang hasil dari analisis sistem yang dikembangkan berupa listing program, penjelasan program, dan output program.

BAB V PENUTUP

Berisi kesimpulan dan saran dari hasil kerja praktek setelah melakukan serangkaian proses pengembangan Sistem Informasi Marketing PT Gamatechno Indonesia.

BAB II

TINJAUAN UMUM PERUSAHAAN

2.1 Gambaran Umum Instansi

Gamatechno merupakan perusahaan penyedia solusi teknologi informasi yang berkantor pusat di Yogyakarta dan memiliki kantor cabang di Jakarta dan Bali. Resmi berdiri pada 4 Januari 2005 berawal dari pengembangan sistem informasi untuk segmen perguruan tinggi.

Saat ini Gamatechno telah melayani lebih dari 400 klien B2B di seluruh Indonesia. Seiring dengan perkembangan perusahaan, Gamatechno memperluas segmen *market* untuk menyediakan solusi teknologi bagi institusi pemerintah, bisnis, transportasi dan beberapa segmen penting lainnya.

Pada Januari 2014 Gamatechno berinisiatif untuk mengelompokkan seluruh produk dan layanannya ke dalam Gamatechno *Smart City Solution*. *Value* utama dari solusi ini adalah mempermudah dan memangkas segala kerumitan yang ada dalam pengelolaan lebih luas lagi adalah bagi ekosistem sebuah kota beserta yang akan berimbang secara tidak langsung bagi masyarakat luas. PT Gamatechno Indonesia merupakan perusahaan dibawah *holding* Gama Multi Group. PT Gama Multi Usaha Mandiri (Gama Multi) merupakan perusahaan *holding* dan investasi yang dimiliki oleh Universitas Gadjah Mada.

Berikut merupakan logo dan filosofi logo dari PT. Gamatechno :



Gambar 2.1 Logo Gamatechno

Daun melambangkan pertumbuhan ilmu pengetahuan dan budaya inovasi, kemudian kilatan cahaya yang melalui daun tersebut menunjukkan semangat untuk selalu menjadi mitra kerja yang baik

Visi dan Misi dari Gamatechno sebagai berikut:

Visi 2022

- a. Menjadi *market leader* perusahaan pengembang solusi *smart city* nasional

Misi

Dalam rangka pencapaian visi dan tujuan perusahaan, maka Gamatechno menjabarkan misi-misi perusahaan sebagai berikut :

- a. Mengakomodasi kebutuhan, sumber daya, dan tujuan Universitas Gadjah Mada
- b. Menciptakan masyarakat cerdas melalui produk-produk TI yang digunakan sehari-hari
- c. Berpartisipasi aktif dalam komunitas global untuk membangun industri kreatif digital

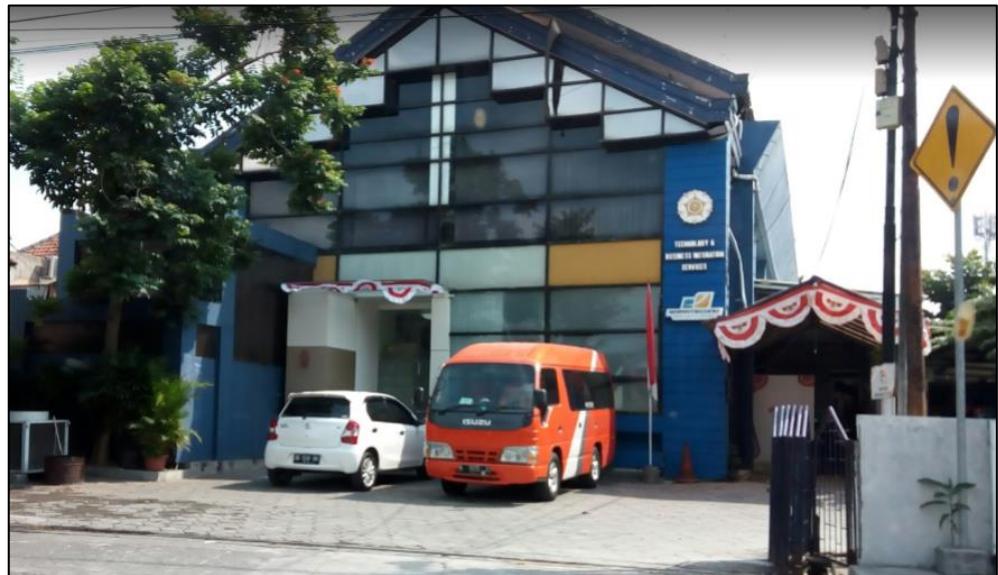


Gambar 2.2 Anak Perusahaan Gamatechno

Anak Perusahaan PT Gamatechno Indonesia:

- PT Aino Indonesia (Est. 2012) : *Payment Solution*
- PT Solusi Kampus Indonesia (Est. 2019): *Higher Education System Solution*
- PT Global Data Inspirasi (Est. 2019): *Big Data*

2.2 Lokasi Instansi



Gambar 2.3 PT. Gamatechno Tampak Depan



Gambar 2.4 Ruang Meeting PT Gamatechno

BAB III

PELAKSANAAN KERJA PRAKTEK

3.1 Tinjauan Literatur

3.1.1 *Website*

Website adalah sebuah kumpulan halaman yang terdapat pada suatu domain internet yang saling berhubungan dan mempunyai tujuan tertentu yang dapat diakses oleh sebuah browser dengan menggunakan URL *website*. Website dibuat dengan menggunakan bahasa pemrograman yang mendukung pemrograman berbasis web seperti bahasa pemrograman HTML, CSS, Javascript, PHP, Python, Ruby, dan lain-lain.

Unsur-unsur *website* yang mendukung jalannya sebuah *website* yaitu *domain*, *hosting*, dan konten. *Domain* adalah sebuah nama unik pada alamat *website* yang penggunaannya dapat menarik seorang pengguna untuk memasuki sebuah *website*. *Hosting* adalah sebuah ruang *harddisk* pada komputer *server* yang digunakan untuk menyimpan sebuah *database* yang diperlukan pada sebuah *website*. Sedangkan konten adalah isi dari sebuah *website* dapat berupa teks, gambar, atau video yang mana jika tidak ada sebuah konten maka sebuah *website* tidak akan memiliki tujuan yang jelas. Selain unsur-unsur *website*, terdapat 2 sisi di dalam *website* yaitu sisi *client* dan sisi *server*. Sisi *client* adalah sisi yang digunakan untuk mengakses *website* dengan sebuah *browser* yang telah terhubung dengan koneksi internet. Sedangkan sisi *server* adalah sisi yang digunakan untuk menyimpan *website* beserta *database* yang digunakan *website*. Cara kerja dari sebuah *website* yaitu seorang *client* meminta halaman *web server* melalui *browser* yang diteruskan kepada *server*. Setelah seorang *client* melakukan permintaan, maka permintaan diterima oleh *server* yang kemudian

permintaan diolah. Jika permintaan sudah ditemukan, maka *server* akan mengirimkan kembali dan akan ditampilkan di komputer *client*.

3.1.2 PHP

PHP adalah bahasa *server side scripting* yang mana sintaks dan perintah-perintah akan dijalankan sepenuhnya di *server* dan disertakan pada dokumen HTML sebagai pembangun halaman web. PHP juga merupakan *software* yang *open source* dan mampu lintas *platform* sehingga mampu berjalan di Windows NT dan beberapa versi UNIX. PHP dapat dibangun sebagai modul pada *web server* Apache dan sebagai *binary* yang dapat berjalan sebagai CGI. PHP dapat mengirimkan HTTP header, dapat mengeset *cookies*, mengatur *authentication* dan *redirect users*. PHP juga menawarkan konektivitas yang baik dengan beberapa basis data seperti Oracle, Sybase, MySQL, PostgreSQL, dan semua basis data ber-*interface* ODBC. Selain itu, PHP juga berintegrasi dengan beberapa *library* eksternal dan mendukung komunikasi dengan layanan lain melalui protocol IMAP, SNMP, NNTP, POP3 atau bahkan HTTP.

3.1.3 MySQL

MySQL adalah salah satu sistem manajemen *database* terkenal dan gratis dengan lisensi GNU (*General Public License*) yang biasanya digunakan untuk mengolah data dengan perintah SQL (*Structured Query Language*) sebagai bahasa penghubung antara perangkat lunak aplikasi dengan *database server*. MySQL ini bersifat *opensource* dengan dua bentuk lisensi yaitu *Free Software* (perangkat lunak bebas) dan *Shareware* (perangkat lunak berpemilik yang penggunaannya terbatas). MySQL dikembangkan oleh pengembang UNIREQ (Michael Monty Widenius),

mSQL (David Hughes), dan TcX yang dirilis pada tahun 1995. Untuk saat ini, pengembangan MySQL berada di bawah Oracle.

3.1.4 XAMPP

XAMPP adalah salah satu aplikasi populer *Apache web server* yang dikembangkan oleh *Apache friends* dan bersifat *opensource*. Di dalam XAMPP ini sudah terdiri dari konfigurasi *web server Apache*, PHP, dan MySQL yang ter-*install* secara otomatis sehingga tidak perlu repot-repot untuk melakukan proses instalasi satu persatu.

3.1.5 Bootstrap

Bootstrap adalah salah satu *framework* bersifat *opensource* yang digunakan untuk mengembangkan *front end website* dengan menggunakan HTML, CSS dan JS yang populer di kalangan para *developer*. Bootstrap mempermudah *developer* dalam pengembangan perangkat lunak karena di dalam bootstrap telah menyediakan kumpulan komponen *class interface* dasar yang siap pakai dan telah dirancang sedemikian rupa untuk menciptakan tampilan yang menarik, bersih dan ringan. Di dalam *bootstrap* juga terdapat fitur *grid* yang dapat digunakan untuk pengaturan *layout website*. Jika *template bootstrap* dirasa masih kurang pas, *bootstrap* juga memberikan kebebasan kepada *developer* untuk menambah *class* dan CSS sendiri.

3.1.6 Javascript

Javascript adalah bahasa *script* sisi klien yang didesain untuk sebuah *browser* yang ditanamkan pada kode HTML, dimuat di dalam tag HTML dan membuat HTML akan menjadi semakin luas. Ketika *browser* sedang menjalankan sebuah halaman *web*, maka *server* akan mengirimkan konten utuh dokumen yang berisi HTML dan

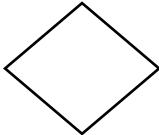
Javascript. Ketika HTML sedang membaca *script* baris demi baris sampai tag pembuka Javascript, maka dilanjutkan pembacaan Javascript hingga tag penutup Javascript dan dilanjutkan kembali pembacaan HTML (Sianipar R.H, 2015). Javascript dapat digunakan untuk validasi *input form* yang dilakukan pengguna sebelum dikirimkan ke *server*, perhitungan aritmatik, modifikasi array, mengendalikan halaman *web* dan lain sebagainya.

3.1.7 Basis Data

Basis data adalah kumpulan data yang saling berhubungan yang disimpan secara bersama sedemikian rupa dan tanpa adanya pengulangan (redundansi) yang tidak perlu, untuk memenuhi berbagai kebutuhan (Fathansyah,1999). Tujuan dari penggunaan basis data dalam pengembangan perangkat lunak salah satunya adalah memelihara data yang sudah diolah menjadi sebuah informasi untuk siap digunakan jika dibutuhkan. Di dalam penggunaan basis data diperlukannya pengaturan untuk pemilihan/pengelompokkan data yang akan disimpan dan disesuaikan dengan fungsinya.

Dalam membuat sebuah basis data dalam suatu sistem diperlukannya sebuah pemodelan awal basis data yang sudah sering digunakan yaitu dengan menggunakan *Entity Relationship Diagram* (ERD). ERD adalah model perancangan basis data relasional dengan melihat keterhubungan antar entitas di dalam suatu data. Jika basis data yang digunakan adalah *Object Oriented Database Management System* (OODBMS) maka tidak diperlukannya perancangan ERD. Beberapa notasi/simbol dalam ERD sebagai berikut :

Tabel 3.1 Tabel Notasi ERD

Komponen	Notasi	Fungsi
Entitas		Digunakan untuk menyimpan data yang dimiliki sebuah subjek agar dapat diakses oleh aplikasi computer. Penamaan entitas biasanya lebih ke kata benda dan belum merupakan nama tabel.
Atribut		Digunakan untuk menyimpan field atau kolom data yang butuh disimpan dalam suatu entitas.
Relasi		Digunakan untuk menghubungkan antar entitas yang biasanya menggunakan kata kerja.

3.1.8 *Framework Codeigniter*

Framework adalah kerangka kerja dalam pemrograman PHP yang berisi sekumpulan *script* terstruktur yang dapat membantu seseorang *develop* atau pengembang dalam menangani masalah pemrograman PHP dengan mudah sehingga mempercepat dalam pembuatan *website* dan tidak perlu membuat fungsi yang akan digunakan dari awal.

Codeigniter adalah salah satu *framework* stabil dan cepat yang menggunakan model MVC (*Model, View, Controller*) untuk membangun sebuah *website* yang dinamis dengan menggunakan PHP. Konsep MVC (*Model, View, Controller*) adalah konsep teknik pemrograman yang memisahkan desain, data dan proses pada suatu sistem. *Model* biasanya berhubungan langsung dengan basis data untuk memanipulasi data, dan validasi dari *controller*. *View* digunakan untuk menerima dan

merepresentasikan data kepada user dalam bentuk tampilan *website*. Sedangkan *controller* digunakan untuk mengatur hubungan antara bagian *model* dan *view* yang menerima *request* dan data dari *user* lalu menentukan proses yang harus dilakukan. Dengan adanya Codeigniter, maka akan menghasilkan *website* yang terstruktur sehingga dalam hal *maintenance website* juga akan lebih mudah.

3.1.9 *Data Flow Diagram (DFD)*

Data Flow Diagram (DFD) atau Diagram Alir Data (DAD) adalah representasi grafik yang menggambarkan aliran informasi dan transformasi informasi yang diaplikasikan sebagai data yang mengalir dari masukan (*input*) dan keluaran (*output*) (S. Rosa A., dan M. Shalahuddin,2018). DFD dapat dibagi menjadi beberapa level untuk mempresentasikan aliran informasi atau fungsi yang lebih detail. Selain itu, DFD juga lebih cocok digunakan untuk pemrograman yang terstruktur karena biasanya pemrograman yang terstruktur telah terbagi menjadi beberapa bagian dengan fungsi dan prosedur. Berikut ini beberapa level yang dapat diimplementasikan dalam pembuatan DFD :

1. DFD level 0 atau *context diagram*

DFD level 0 digunakan untuk menggambarkan interaksi antara sistem yang akan dikembangkan dengan entitas luar. Di dalam DFD level 0 ini hanya berisi notasi atau simbol proses dan entitas saja.

2. DFD level 1

DFD level 1 digunakan untuk menggambarkan modul yang ada di dalam sistem dan merupakan *breakdown* dari DFD level 0 atau DFD yang lebih *detail* dari DFD

level 0. Di dalam DFD level 1 ini sudah mulai muncul notasi atau simbol basis data yang sebelumnya tidak terdapat pada DFD level 0.

3. DFD level 2

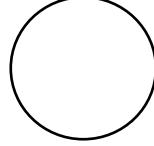
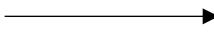
DFD level 2 merupakan hasil *breakdown* dari DFD level 1 sehingga pada DFD level 2 ini lebih *detail* dibandingkan DFD level 0 dan 1. Jumlah DFD level 2 sama dengan jumlah modul pada DFD level 1 yang telah di *breakdown*. Jika pada DFD level 2 sudah *detail* maka tidak diperlukan lagi *breakdown* yang akan menghasilkan DFD level selanjutnya.

4. DFD Level 3 dan seterusnya

DFD pada level ini merupakan *breakdown* dari level yang sebelumnya yang mana pada level sebelumnya masih belum detail.

Simbol atau notasi yang terdapat di dalam DFD dapat dilihat pada tabel berikut :

Tabel 3.2 Tabel Notasi DFD

Komponen	Notasi	Fungsi
Entitas luar		Orang yang berinteraksi dengan perangkat lunak yang dimodelkan dan biasanya terdapat masukan (<i>input</i>) dan keluaran (<i>output</i>)
Proses		Proses atau fungsi atau prosedur yang akan diimplementasikan dengan pemrograman terstruktur
Aliran data		Data yang dikirim antar proses, dari penyimpanan ke proses atau dari proses ke masukan (<i>input</i>) atau keluaran (<i>output</i>)

Penyimpanan data	<hr/> <hr/>	Tempat penyimpanan data (<i>storage</i>) yang disesuaikan dengan perancangan tabel-tabel pada basis data
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Dalam penggunaan simbol atau notasi *Data Flow Diagram* (DFD) juga perlu memperhatikan beberapa aturan diantaranya :

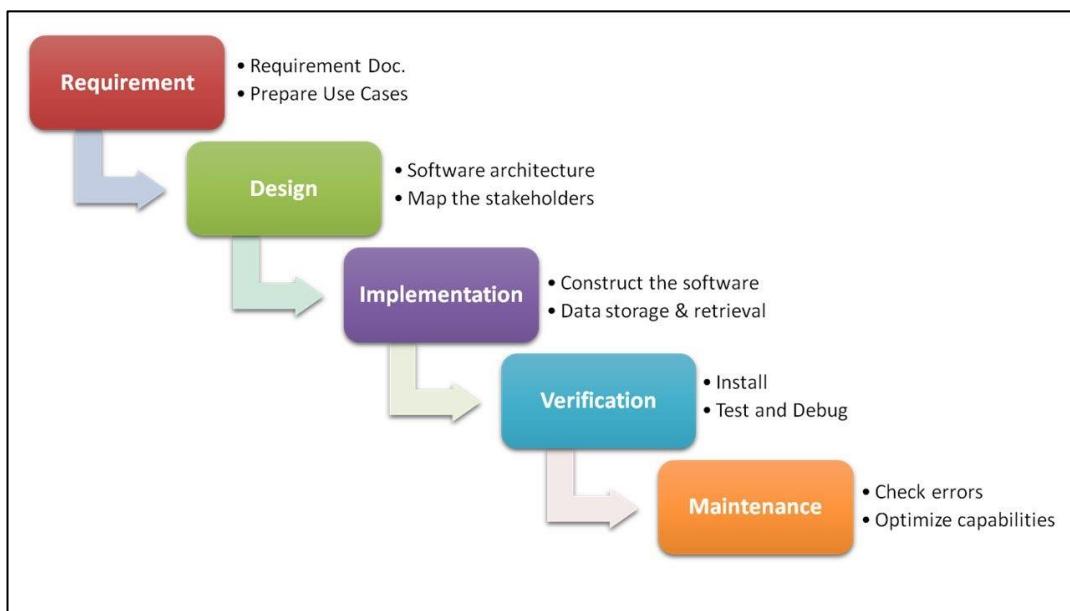
1. Tidak diperbolehkan menghubungkan entitas dengan entitas secara langsung.
2. Tidak diperbolehkan menghubungkan penyimpanan data dengan penyimpanan data secara langsung.
3. Tidak diperbolehkan menghubungkan entitas dengan penyimpanan data secara langsung.

3.1.10 Pemodelan Perangkat Lunak

Awal pengembangan perangkat lunak, seorang *developer* membutuhkan sebuah metode atau prosedur atau tahapan pengembangan perangkat lunak untuk menemukan kendala-kendala atau kemungkinan yang akan muncul dalam pengembangan perangkat lunak. Prosedur atau tahapan pengembangan perangkat lunak sering dikenal sebagai *Software Development Life Cycle* (SDLC). *Software Development Life Cycle* (SDLC) adalah proses mengembangkan atau mengubah suatu sistem perangkat lunak dengan menggunakan model atau metode yang digunakan orang untuk mengembangkan sistem perangkat lunak sebelumnya (S. Rosa A., dan M. Shalahuddin, 2018).

Terdapat beberapa model atau metode SDLC yang dapat digunakan dan memiliki kelebihan dan kekurangannya di masing-masing model atau metode. Salah

satu yang dapat digunakan adalah metode waterfall. Metode waterfall atau sering disebut juga dengan metode sekuensial linier merupakan metode yang menerapkan alur seperti air terjun dimana alur pengembangan perangkat lunak yang terurut dimulai dari analisis, desain, implementasi (pengodean), pengujian dan maintenance seperti pada diagram berikut



Gambar 3.1 Tahapan Metode Waterfall

Tahapan-tahapan metode *waterfall* sebagai berikut

1. Analisis kebutuhan perangkat lunak (*requirement*)

Pada tahap ini dilakukan proses pengumpulan, analisis, dan spesifikasi kebutuhan perangkat lunak yang dilakukan secara intensif untuk memahami apa yang dibutuhkan oleh *user*.

2. Desain

Desain merupakan proses mentranslasikan kebutuhan perangkat lunak dari tahap sebelumnya ke dalam bentuk “*blueprint*” yang digunakan untuk membangun perangkat lunak. Desain perangkat lunak dapat berupa struktur data, arsitektur

perangkat lunak, representasi tampilan, dan lain sebagainya. Pada tahap desain ini, harus menghasilkan desain yang mudah dibaca agar mudah dipahami oleh *developer, tester* dan menyediakan secara lengkap gambaran dari perangkat lunak yang akan dikembangkan.

3. Pembuatan kode program (*implementation*)

Pada tahap ini dilakukan proses mentranslasikan desain perangkat lunak yang telah dirancang ke dalam bentuk kode program yang digunakan.

4. Pengujian (*verification/testing*)

Pada tahap ini, dilakukan proses pengujian perangkat lunak secara logic, fungsional dan memastikan bahwa semua bagian dari perangkat lunak sudah dilakukan pengujian. Pengujian ini sangat penting dilakukan dalam pengembangan perangkat lunak karena dengan tahap ini dapat meminimalisir kesalahan yang terjadi ketika perangkat lunak digunakan. Terdapat beberapa jenis pengujian diantaranya unit testing, integration testing, system testing, dan user acceptance testing.

5. Pemeliharaan (*maintenance*)

Pada tahap ini, dilakukan untuk mengulangi proses pengembangan dari tahap awal spesifikasi hingga terakhir terhadap perubahan perangkat lunak yang sudah ada. Perubahan bisa terjadi karena adanya kesalahan yang muncul dan tidak terdeteksi saat pengujian perangkat lunak atau perangkat lunak harus beradaptasi dengan lingkungan yang baru.

3.2 Deskripsi Aktifitas

Adapun deskripsi aktivitas selama menjalankan kerja praktek antara lain sebagai berikut :

Tabel 3.3 Deskripsi Aktivitas

Hari/Tanggal	Kegiatan
Selasa, 7 Januari 2020	<ul style="list-style-type: none"> - Perkenalan. - Diskusi/analisis gambaran projek program dan kebutuhan <i>user</i>.
Rabu, 8 Januari 2020	<ul style="list-style-type: none"> - Analisis kebutuhan <i>user</i>. - Pembuatan basis data (<i>database</i>).
Kamis, 9 Januari 2020	<ul style="list-style-type: none"> - Analisis kebutuhan <i>user</i>. - Pengolahan SQL <i>database</i> projek
Jumat, 10 Januari 2020 - Senin, 13 Januari 2020	<ul style="list-style-type: none"> - Pembuatan <i>prototype</i> - <i>Report progress prototype</i> yang disesuaikan dengan alur projek dan kebutuhan <i>user</i>.
Selasa, 14 Januari 2020 - Kamis, 16 Januari 2020	<ul style="list-style-type: none"> - Revisi atau penambahan fitur seuai dengan kebutuhan <i>user</i>. - <i>Report progress prototype</i> yang disesuaikan dengan alur projek dan kebutuhan <i>user</i>.
Kamis, 17 Januari 2020 – Jumat, 31 Januari 2020	<ul style="list-style-type: none"> - Report akhir <i>prototype</i> dan proses <i>coding</i>. - Membuat pembagian tugas dengan menggunakan <i>Trello</i>.
Sabtu, 1 Februari – Jumat, 7 Februari 2020	<ul style="list-style-type: none"> - Proses <i>coding</i>. - <i>Report</i> dan revisi hasil <i>coding</i>.
Sabtu, 8 Februari 2020 – Jumat, 14 Februari 2020	<ul style="list-style-type: none"> - Proses <i>coding</i>. - <i>Report</i> dan revisi hasil <i>coding</i>.

Jumat, 15 Februari 2020 – Jumat, 28 Februari 2020	<ul style="list-style-type: none"> - Proses <i>coding</i>. - Report dan revisi hasil <i>coding</i>.
Sabtu, 29 Februari 2020 – Senin, 9 Maret 2020	<ul style="list-style-type: none"> - Proses <i>coding</i>. - Report dan revisi hasil <i>coding</i>.
Selasa, 10 Maret 2020 – Senin 16 Maret 2020	<ul style="list-style-type: none"> - Proses <i>coding</i>. - Report akhir dan revisi hasil <i>coding</i>.
Selasa, 17 Maret 2020 – Rabu, 1 April 2020	<ul style="list-style-type: none"> - Pencarian <i>bugs</i> sistem. - Pengembangan dan <i>Maintenance</i>. - Fiksasi sistem yang dikembangkan.

3.3 Analisis dan Perancangan Sistem

3.3.1 Analisis

Account Manager (AM) dan *Supervisor* (SV) dalam menjalankan pekerjaannya saling berhubungan, sehingga dibutuhkannya sebuah sistem untuk mencatat kegiatan dan melakukan *monitoring*. Sebelumnya, PT Gamatechno sudah memiliki sistem tersebut, tetapi sistem lama masih membutuhkan pengembangan agar sistem tersebut dapat berjalan lebih baik dan lebih mudah digunakan. Maka dari itu, dibutuhkannya sebuah sistem yang baru untuk menunjang pekerjaan yang saling berhubungan diantara *Account Manager* dengan *Supervisor* (SV). Dalam pengembangan sistem yang baru juga dilakukan analisis kebutuhan yang dilihat dari sisi *Account Manager* (AM) dan *Supervisor* (SV) agar harapannya sistem tersebut dapat sesuai, bermanfaat dan dapat menjadi solusi dari masalah tersebut.

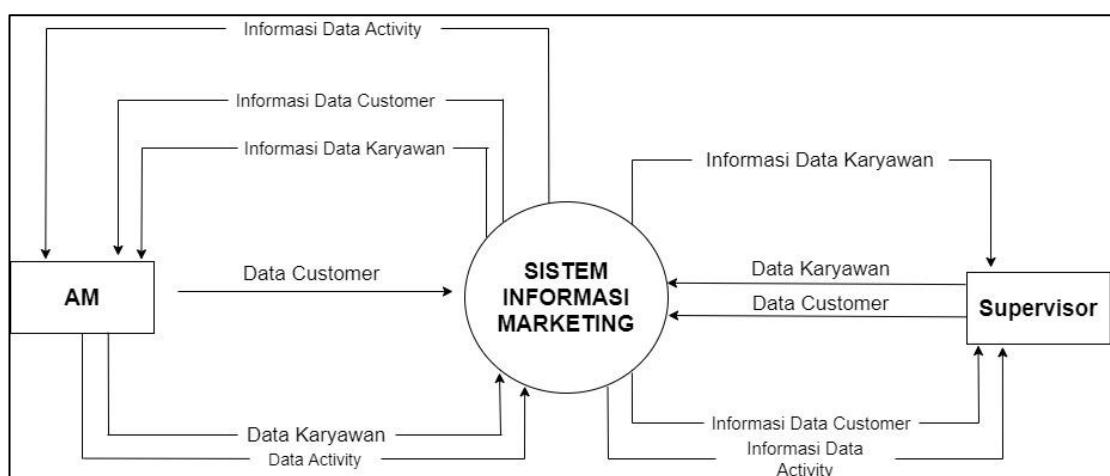
3.3.2 Perancangan Proses

Tahap perancangan proses pada pembangunan Sistem Informasi Marketing PT. Gamatechno Indonesia dengan menggunakan sebuah diagram proses yang disebut

dengan *Diagram Flow Diagram* (DFD). Diagram tersebut terdiri dari DFD level 0, DFD level 1, dan DFD level 2. *Data Flow Diagram* (DFD) digunakan menunjukkan aliran informasi dan transformasi keseluruhan proses sistem yang dibangun dari masukan sampai keluaran sistem.

3.3.2.1 DFD Level 0

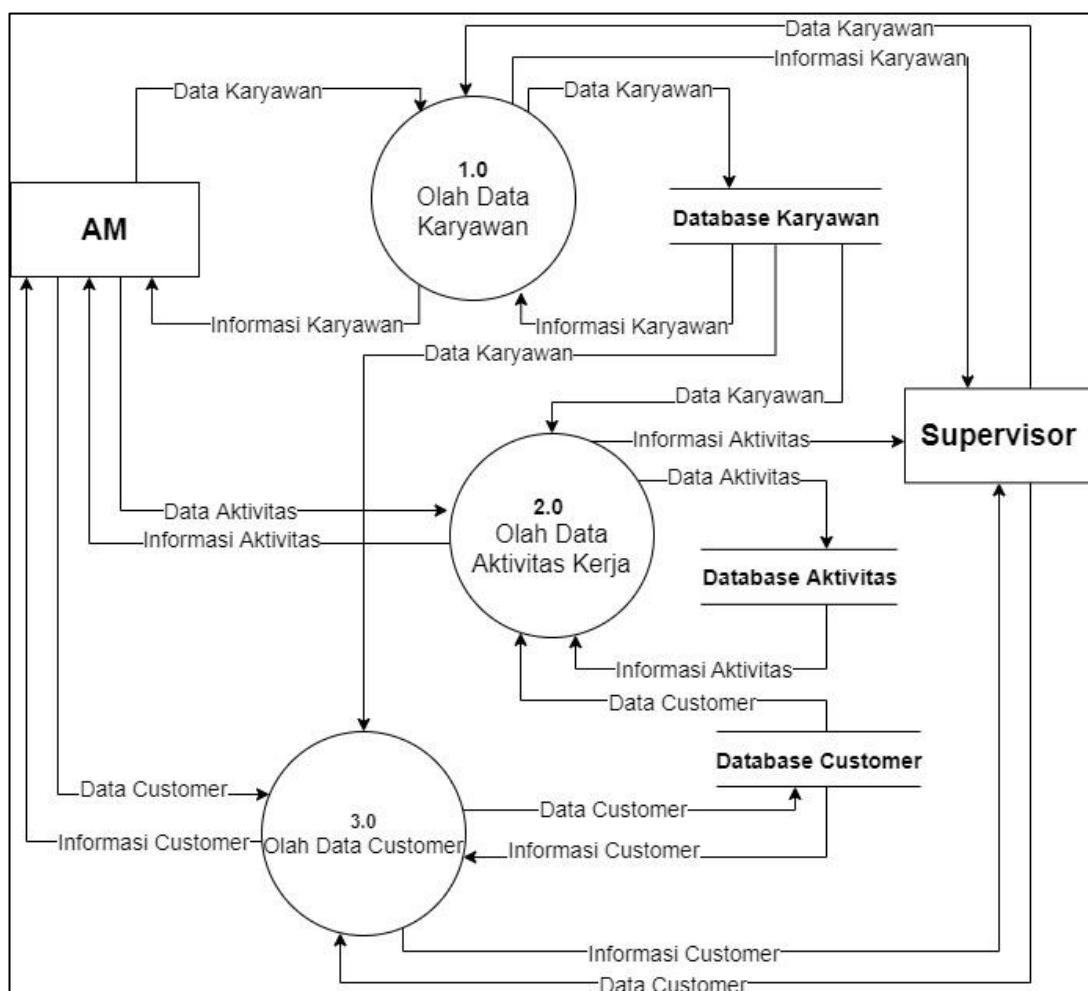
Pada DFD level 0 ini merepresentasikan seluruh elemen yang terdapat di dalam sistem berupa aliran data tunggal yang menggambarkan adanya *input* dan *output* secara umum. Berdasarkan DFD level 0 pada Sistem Informasi Marketing PT. Gamatechno Indonesia, terdiri dari 2 entitas yaitu *supervisor* dan AM dengan 1 proses saja. *Supervisor* dapat melakukan proses *input* data berupa data karyawan dan data *customer*. Selain dapat melakukan proses *input*, *supervisor* dapat melihat hasil *output* informasi data karyawan, data *customer*, dan data aktivitas. Sedangkan pada entitas AM, AM dapat melakukan proses *input* data karyawan, data *customer*, dan data *activity*. Untuk proses *output*, AM dapat melihat data *activity*, data *customer*, dan data karyawan. Adapun DFD level 0 dapat dilihat pada gambar 3.2 berikut :



Gambar 3.2 DFD Level 0

3.3.2.2 DFD Level 1

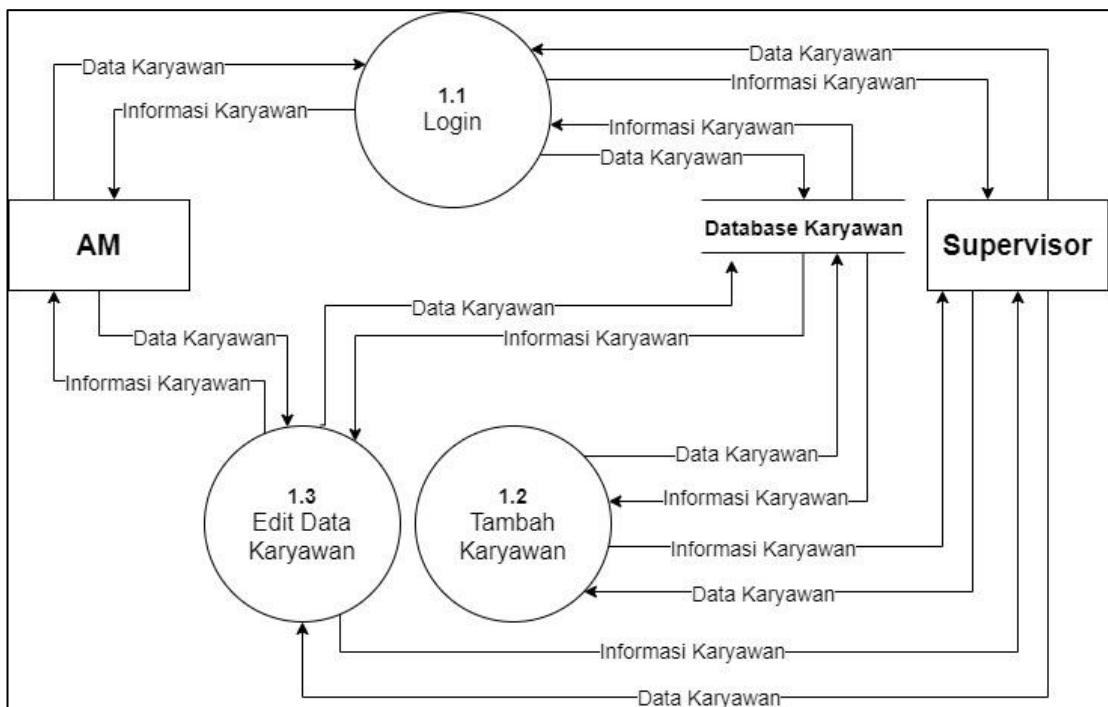
DFD level 1 merupakan turunan dari level 0 dan mencakup hal yang lebih *detail* dari sebuah sistem yang dikembangkan. DFD level 1 pada sistem yang dikembangkan terdiri dari 2 entitas, 3 proses, dan 3 data *storage*. Entitas terdiri dari AM dan *supervisor*. Proses terdiri dari olah data karyawan, olah data aktivitas kerja, dan olah data *customer*. Sedangkan data *storage* terdiri dari *database* karyawan, *database* aktivitas, dan *database* *customer*. Adapun DFD level 1 dapat dilihat pada gambar 3.3 berikut :



Gambar 3.3 DFD Level 1

3.3.2.3 DFD Level 2 Olah Data Karyawan

DFD level 2 merupakan turunan DFD level 1 dan mencakup hal yang lebih *detail* dari DFD level 1 dan DFD level 0. Proses yang terdapat di DFD level 1 diuraikan satu persatu. Di dalam DFD level 2 olah data karyawan terdiri dari 3 proses, 2 entitas, dan 1 data *storage*. Proses tersebut terdiri dari *login*, *edit* data karyawan, dan tambah karyawan. Data *storage* yang dibutuhkan hanya 1 yaitu *database* karyawan. Sedangkan entitas pada DFD level 2 olah data karyawan masih sama dengan DFD level sebelumnya yaitu entitas AM dan *supervisor*. Adapun DFD level 2 olah data karyawan dapat dilihat pada Gambar 3.4 berikut :

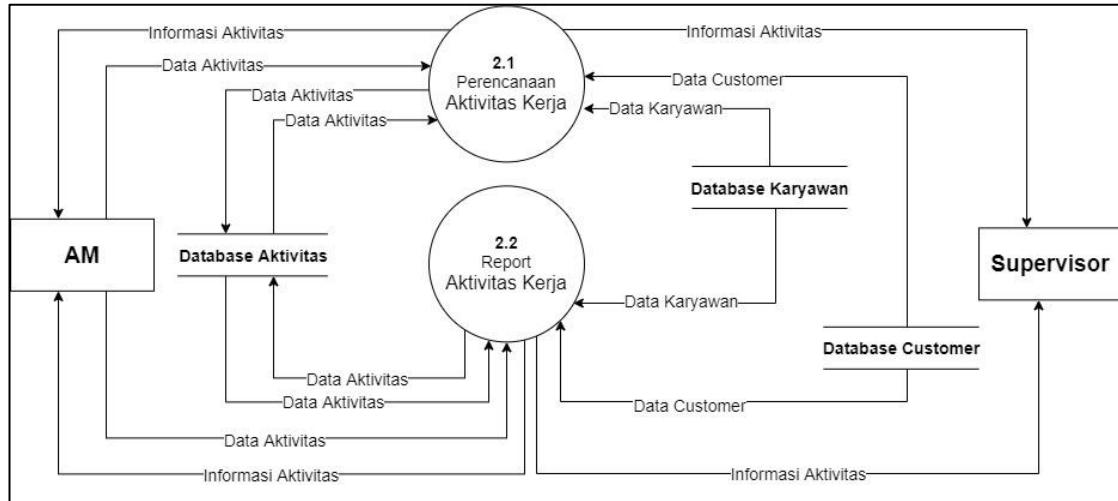


Gambar 3.4 DFD Level 2 Olah Data Karyawan

3.3.2.4 DFD Level 2 Olah Data Aktivitas Kerja

DFD level 2 merupakan turunan dari DFD level 1 dimana pada DFD level 2 olah data aktivitas kerja terdiri dari 2 entitas, 3 data *storage*, dan 2 proses. Entitas

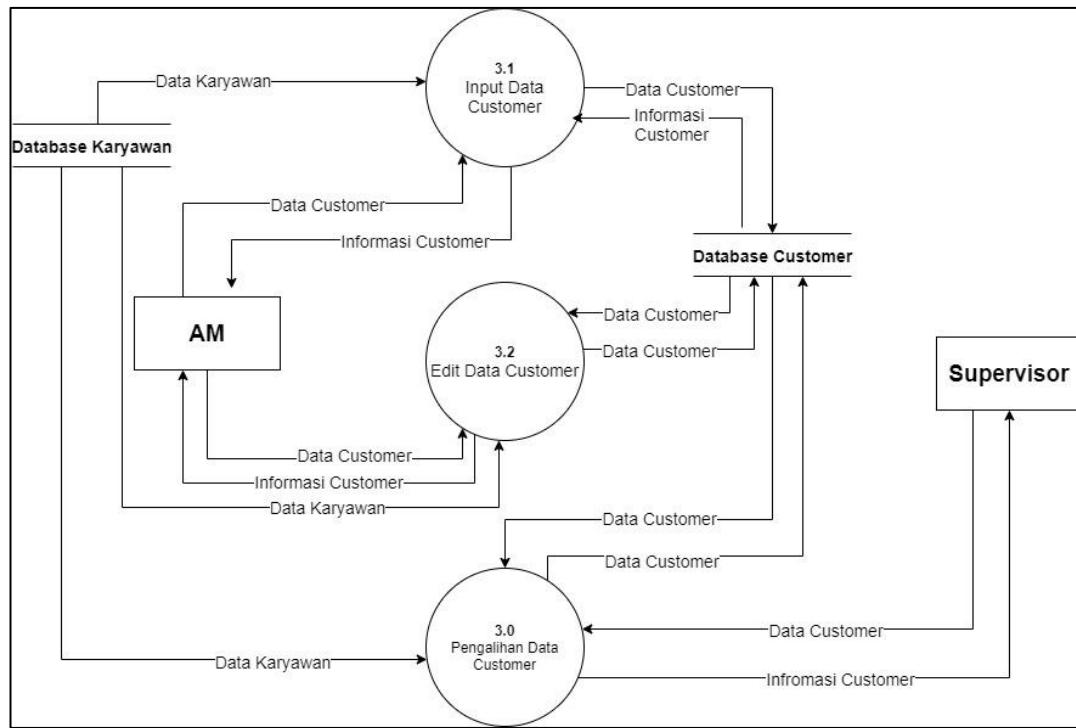
terdiri dari AM dan *supervisor*. Data *storage* terdiri dari *database karyawan*, *database aktivitas*, dan *database customer*. Sedangkan pada proses terdiri dari perencanaan aktivitas kerja, dan *report* aktivitas kerja. Adapun DFD level 2 olah data aktivitas kerja dapat dilihat pada gambar 3.5 berikut :



Gambar 3.5 DFD Level 2 Olah Data Aktivitas Kerja

3.3.2.5 DFD Level 2 Olah Data *Customer*

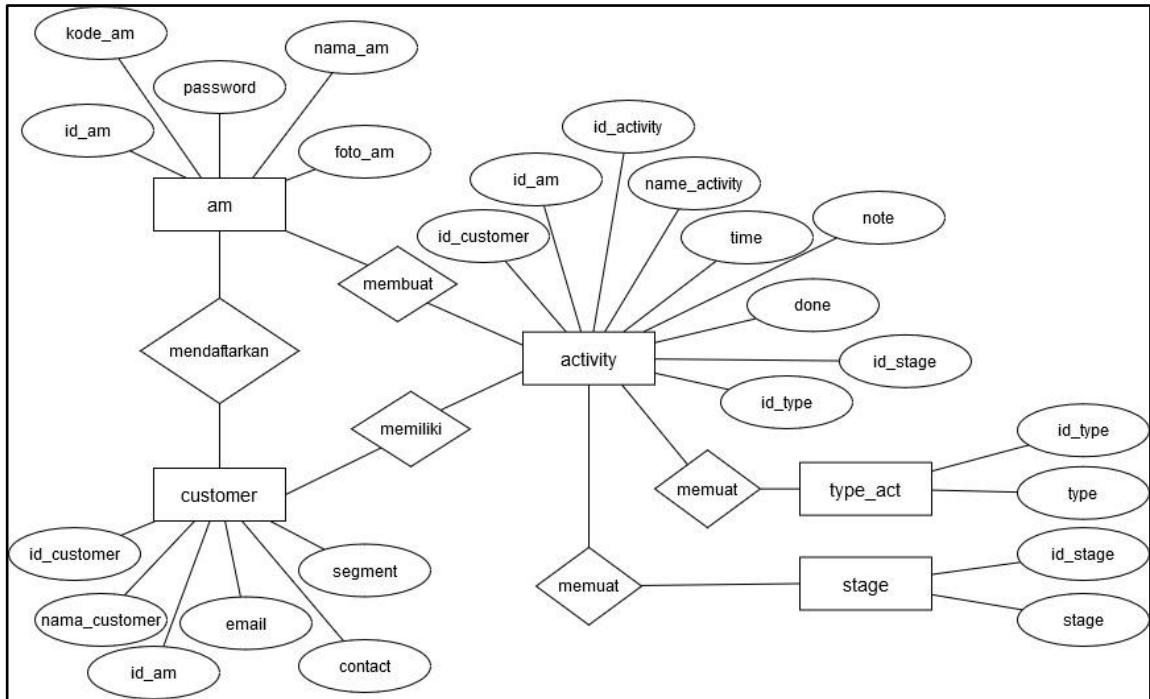
DFD level 2 merupakan turunan dari DFD level 1 dimana pada DFD level 2 olah data *customer* terdiri dari 2 entitas, 3 proses, dan 2 data *storage*. Entitas terdiri dari AM dan *supervisor*. Proses terdiri dari *input* data *customer*, *edit* data *customer*, dan pengalihan data *customer*. Data *storage* terdiri dari *database karyawan*, dan *database customer*. Adapun DFD level 2 olah data *customer* dapat dilihat pada gambar 3.6 berikut :



Gambar 3.6 DFD Level 2 Olah Data Customer

3.3.3 Perancangan *Entity Relationship Diagram* (ERD)

Perancangan *Entity Relationship Diagram* (ERD) merupakan salah satu metode yang digunakan untuk merancang basis data (*database*) yang akan digunakan pada sistem yang dikembangkan. Diagram ini digunakan untuk menjelaskan hubungan antar data dalam sebuah basis data (*database*). Adapun ERD dapat dilihat pada gambar 3.7 sebagai berikut



Gambar 3.7 Entity Relationship Diagram

3.3.4 Perancangan Tabel

Hasil dari perancangan basis data (*database*) terdiri atas beberapa tabel sebagai berikut :

1. Tabel *activity*

Tabel *activity* berfungsi untuk menyimpan data kegiatan *account manager* (AM) yang sudah terlaksana dan belum terlaksana. Desain tabel *activity* sebagai berikut :

Tabel 3.4 Tabel *activity*

No	Nama	Type	Ukuran	Constrains	Keterangan
1	<i>id_activity</i>	Int	11	<i>Primary key, auto increment, not null</i>	<i>id_activity</i> merupakan nomer id dari tabel <i>activity</i> yang bersifat <i>auto increment</i> .

2	<i>name_activity</i>	Text		Not null	<i>name_activity</i> merupakan keterangan nama kegiatan yang dimasukkan oleh pengguna.
3	<i>id_type</i>	Int	11	<i>Foreign key, not null</i>	<i>id_type</i> merupakan nomer id dari tabel <i>type_act.</i>
4	<i>id_am</i>	Int	11	<i>Foreign key, not null</i>	<i>id_am</i> merupakan nomer id dari tabel <i>am.</i>
5	<i>id_customer</i>	Int	11	<i>Foreign key, not null</i>	<i>id_customer</i> merupakan nomer id dari tabel <i>customer.</i>
6	<i>id_stage</i>	Int	11	<i>Foreign key, not null</i>	<i>Id_stage</i> merupakan nomer id dari tabel <i>stage.</i>
7	<i>time</i>	Date		Null	<i>Time</i> merupakan keterangan waktu.
8	<i>note</i>	Text		Not null	<i>Note</i> merupakan catatan kegiatan.
9	<i>done</i>	Tinyint		<i>Default 0</i>	<i>Done</i> merupakan keterangan sudah terlaksana atau belum.

2. Tabel am

Tabel am berfungsi untuk menyimpan data am yang digunakan untuk kepentingan akses akun pada sistem yang dikembangkan. Desain tabel am sebagai berikut :

Tabel 3.5 Tabel am

No	Nama	Type	Ukuran	Constrains	Keterangan
1	id_am	Int	11	<i>Primary key, auto increment</i> , not null	id_am merupakan nomer id dari tabel am yang bersifat <i>auto increment</i> .
2	kode_am	Varchar	5	Not null	kode_am merupakan kode yang diberikan pada setiap am.
3	nama_am	Text		Not null	nama_am merupakan nama dari setiap am.
4	foto_am	Varchar	100	Not null	foto_am merupakan berkas foto yang di-upload di setiap akun am.
5	<i>password</i>	Varchar	100	Not null	<i>Password</i>
6	<i>previlege</i>	Varchar	25	Not null	<i>privilege</i> merupakan hak akses.

3. Tabel *customer*

Tabel *customer* berfungsi untuk menyimpan data yang berkaitan dengan *customer*. Desain tabel *customer* sebagai berikut :

Tabel 3.6 Tabel customer

No	Nama	Type	Ukuran	Constrains	Keterangan
1	<i>id_customer</i>	Int	11	<i>Primary key, auto increment</i> , not null	<i>id_customer</i> merupakan nomer id pada

					tabel <i>customer</i> yang bersifat <i>auto increment</i> .
2	<i>id_am</i>	Int	11	<i>Foreign key, not null</i>	<i>id_am</i> merupakan nomer id am yang diambil dari tabel am.
3	<i>nama_customer</i>	Text		Not null	Nama <i>customer</i>
4	<i>email</i>	Text		Not null	Email <i>customer</i>
5	<i>contact</i>	Varchar	50	Not null	Telepon <i>customer</i>
6	<i>segment</i>	Enum	<i>Government, Corporate, Academy, BUMN</i>	Not null	<i>Segment</i> merupakan jenis <i>customer</i> .

4. Tabel *document*

Tabel *document* berfungsi untuk menyimpan data mengenai *file* yang dapat ditambahkan ke dalam sistem. Desain tabel *document* sebagai berikut :

Tabel 3.7 Tabel *document*

No	Nama	Type	Ukuran	Constrains	Keterangan
1	<i>id_doc</i>	Int	11	<i>Primary key, auto increment, not null</i>	<i>id_doc</i> merupakan nomer identitas pada tabel <i>document</i> dan bersifat <i>auto increment</i> .
2	<i>id_project</i>	Int	11	<i>Foreign key, not null</i>	<i>id_project</i> merupakan nomer identitas

					pada tabel <i>project</i> .
3	nama_doc	Text		Not null	nama_doc merupakan nama file yang di-upload ke dalam sistem.

5. Tabel pic

Tabel PIC berfungsi untuk menyimpan data kontak *customer* yang dapat digunakan oleh para account manager (AM). Desain tabel pic sebagai berikut:

Tabel 3.8 Tabel PIC

No	Nama	Type	Ukuran	Constrains	Keterangan
1	id	Int	11	<i>Primary key, auto increment, not null</i>	
2	nama_pic	Text		Not null	
3	telp	Text		Not null	
4	email	Text		Not null	
5	id_customer	Int	11	<i>Foreign key, not null</i>	

6. Tabel stage

Tabel stage berfungsi untuk menyimpan data tahap pada sebuah aktivitas marketing yang terdiri dari id dan nama tahap. Desain tabel stage berikut :

Tabel 3.9 Tabel stage

No	Nama	Type	Ukuran	Constrains	Keterangan
1	id_stage	Int	11	<i>Primary key, auto increment, not null</i>	id_stage merupakan nomer id pada tabel stage yang

					bersifat <i>auto increment</i> .
2	<i>stage</i>	Varchar	100	Not null	<i>stage</i> merupakan tahap yang akan digunakan.

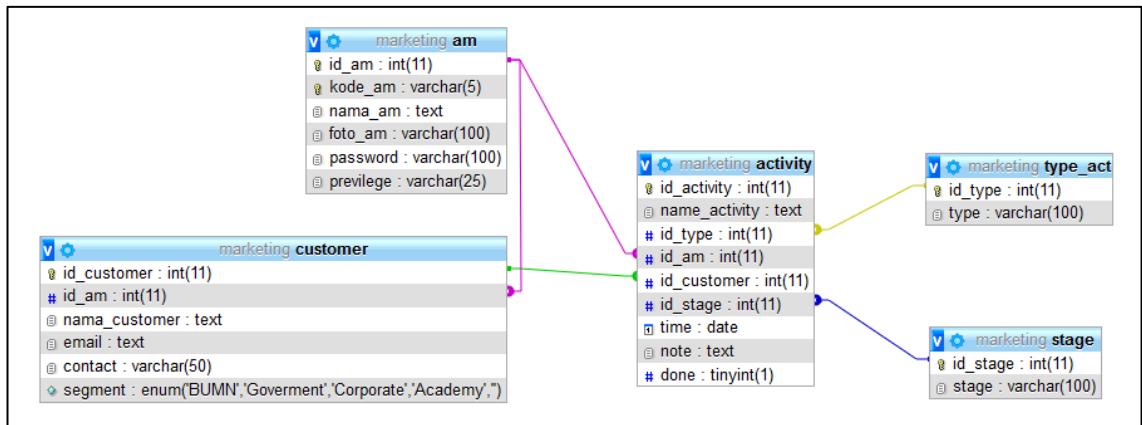
7. Tabel *type_act*

Tabel *type_act* berfungsi untuk menyimpan data tipe aksi yang dapat digunakan ketika membuat sebuah aktivitas *marketing*. Desain tabel *type_act* sebagai berikut :

Tabel 3.10 Tabel *type_act*

No	Nama	Type	Ukuran	Constrains	Keterangan
1	<i>id_type</i>	Int	11	<i>Primary key, auto increment</i> , not null	<i>id_type</i> merupakan nomer id pada tabel <i>type_act</i> yang bersifat <i>auto increment</i> .
2	<i>type</i>	Varchar	100	Not null	<i>type</i> merupakan tipe aksi yang akan digunakan

3.3.5 Relasi Antar Tabel



Gambar 3.8 Relasi Antar Tabel

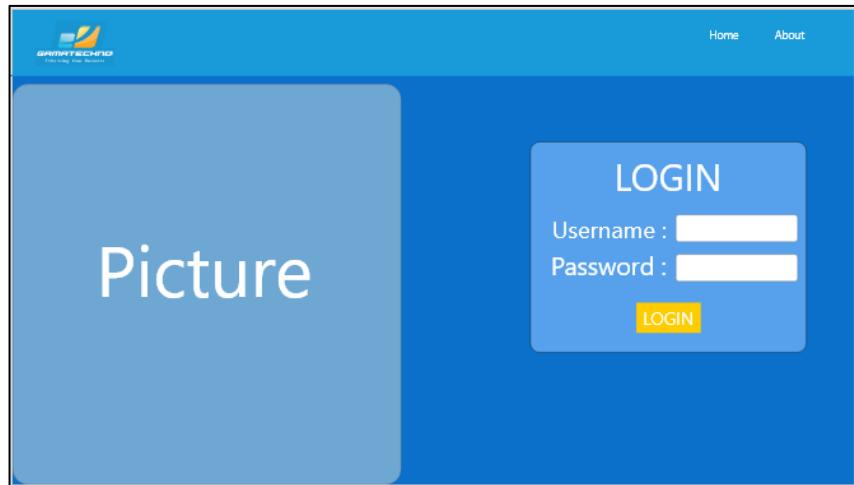
3.3.6 Perancangan Antarmuka

Rancangan untuk antarmuka aplikasi dibagi menjadi dua yaitu rancangan antarmuka aplikasi untuk account manager dan supervisor

3.3.6.1 Perancangan Antarmuka Utama

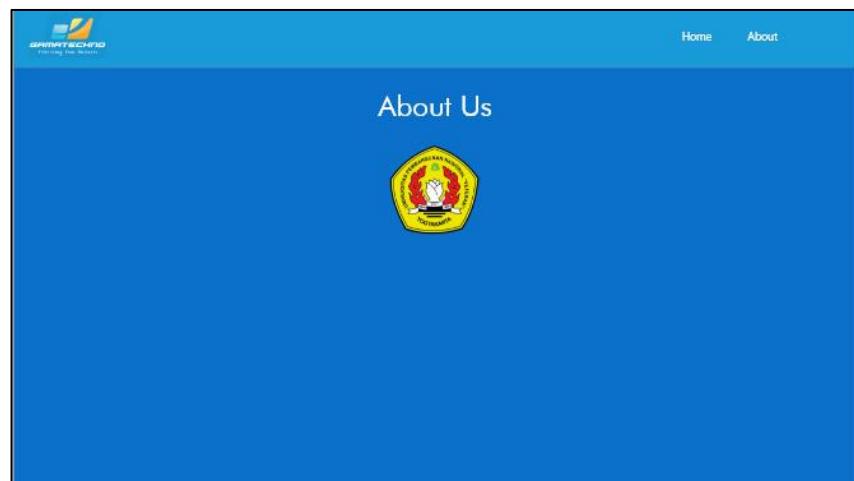
1. Login User

Login User yaitu berupa tampilan untuk dapat masuk kedalam sistem sebagai Account Manager maupun Supervisor. Untuk akun dari Account Manager yang dapat dipakai untuk masuk ke sistem yaitu akun yang telah dibuat oleh Supervisor.



Gambar 3.9 Login User

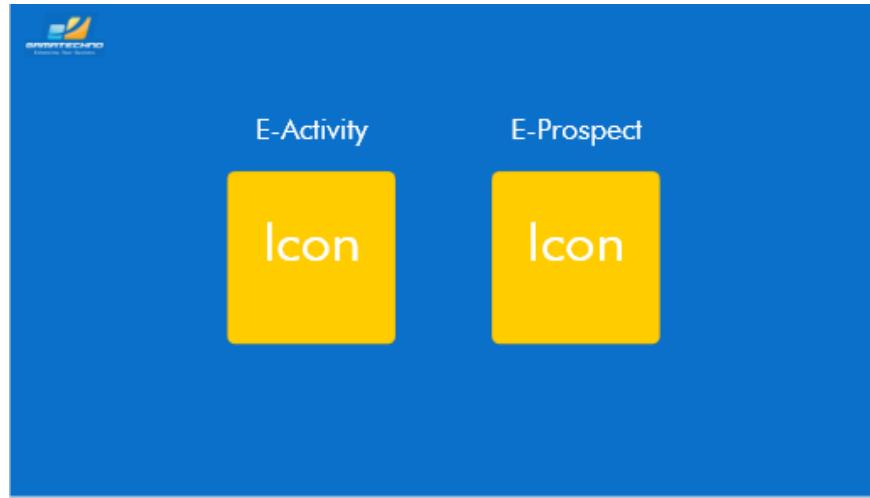
2. About Us



Gambar 3.10 About Website

3. Menu Pemilihan Fitur

Setelah Login, AM maupun SV akan masuk kedalam menu untuk memilih activity maupun prospect.

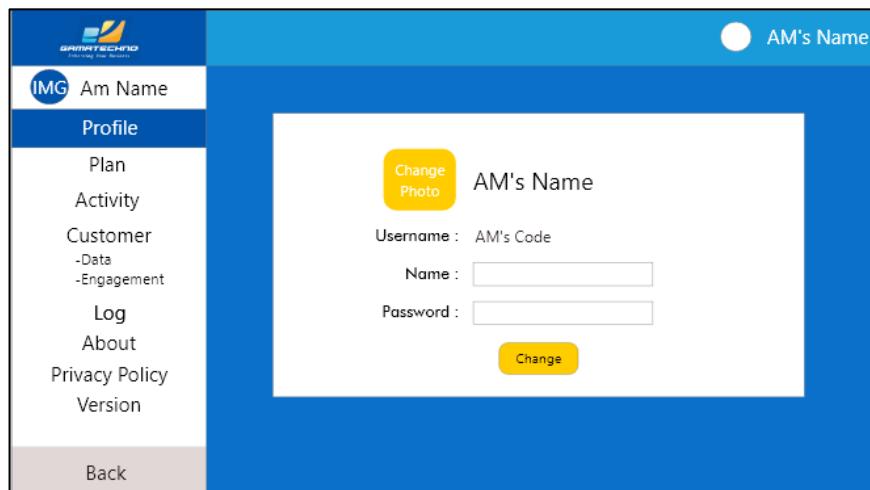


Gambar 3.11 Menu Pemilihan Fitur

3.3.6.2 Perancangan Antarmuka Account Manager

1. Profil

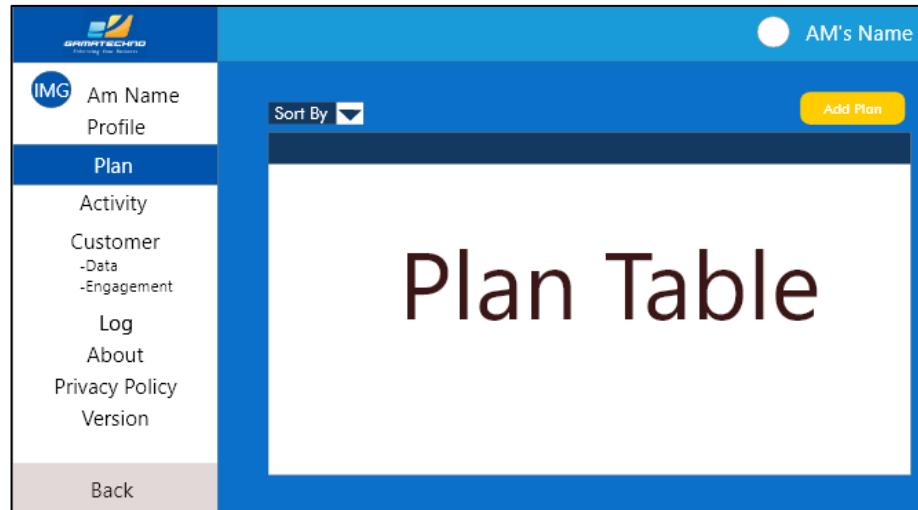
Merupakan halaman untuk mengubah setelan dari profile akun



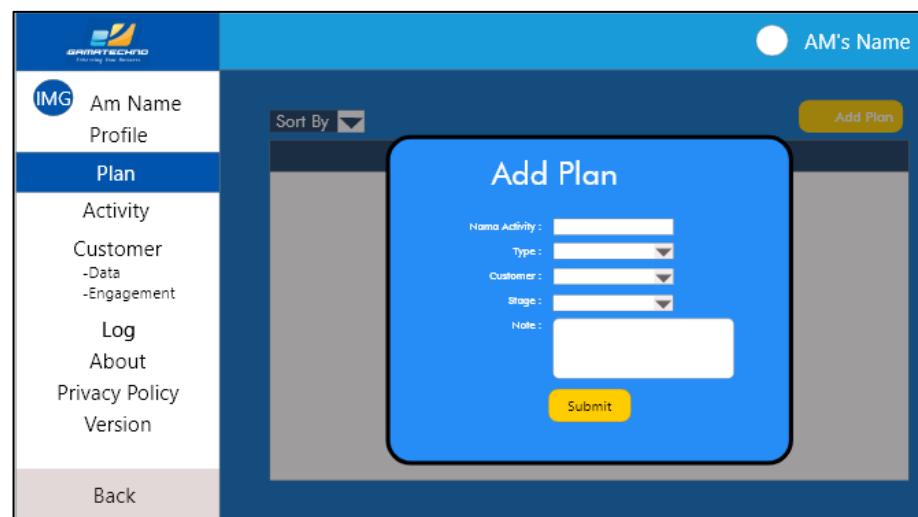
Gambar 3.12 Tampilan Edit Profil

2. Plan

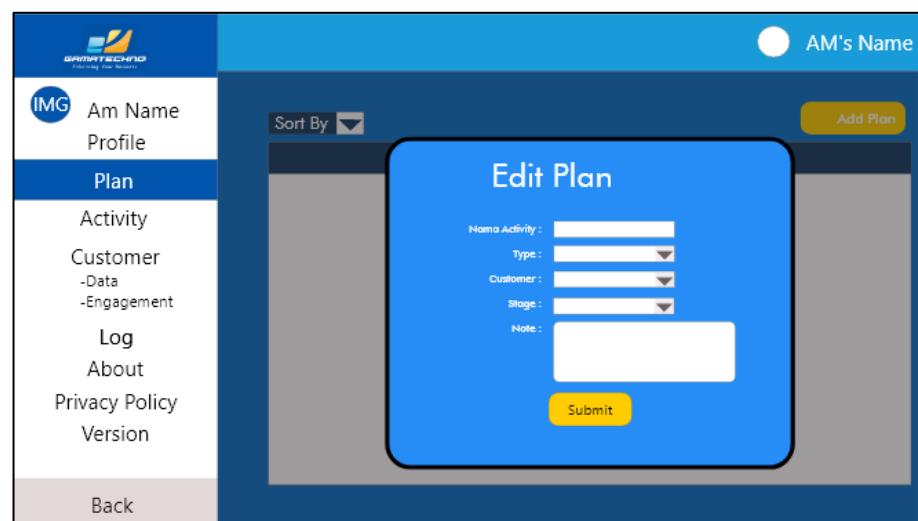
Merupakan halaman untuk menambahkan, menampilkan, mengubah, menghapus, mencari data perencanaan aktivitas kerja selanjutnya.



Gambar 3.13 Tampilan Plan



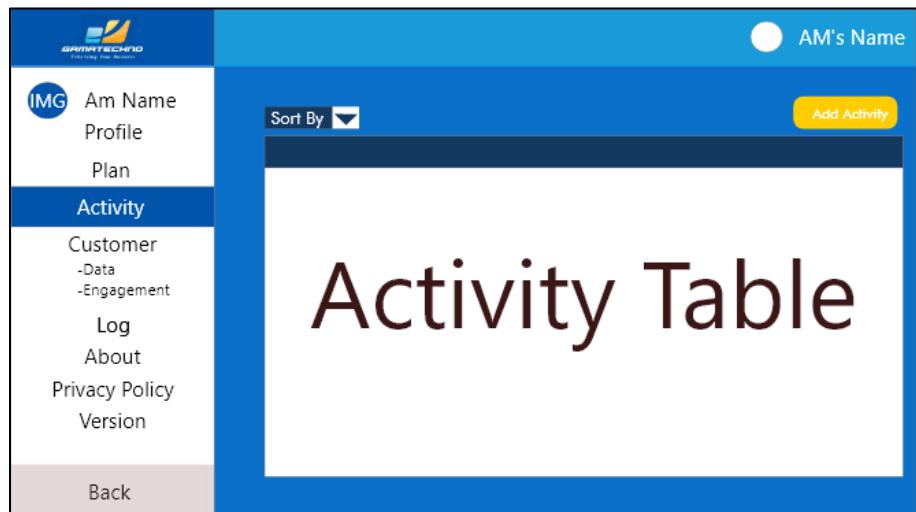
Gambar 3.14 Tampilan Menambahkan Plan



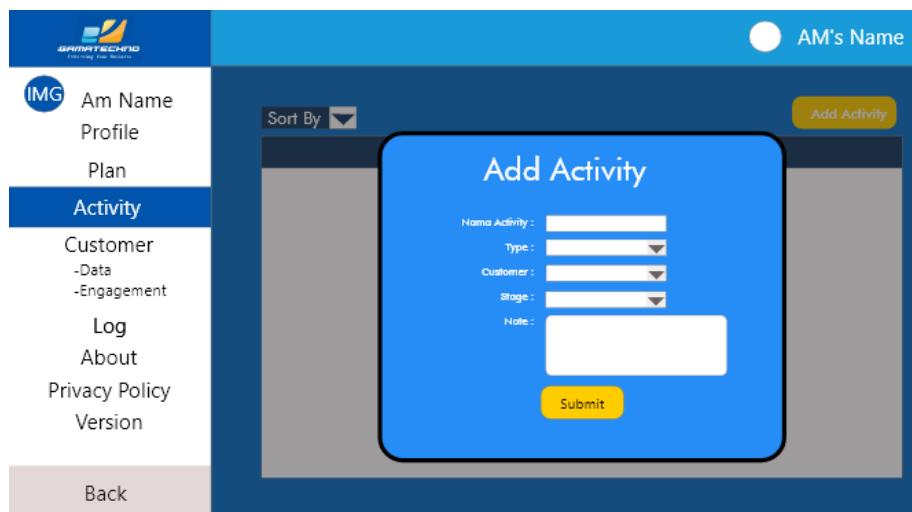
Gambar 3.15 Tampilan Mengubah Plan

3. Activity

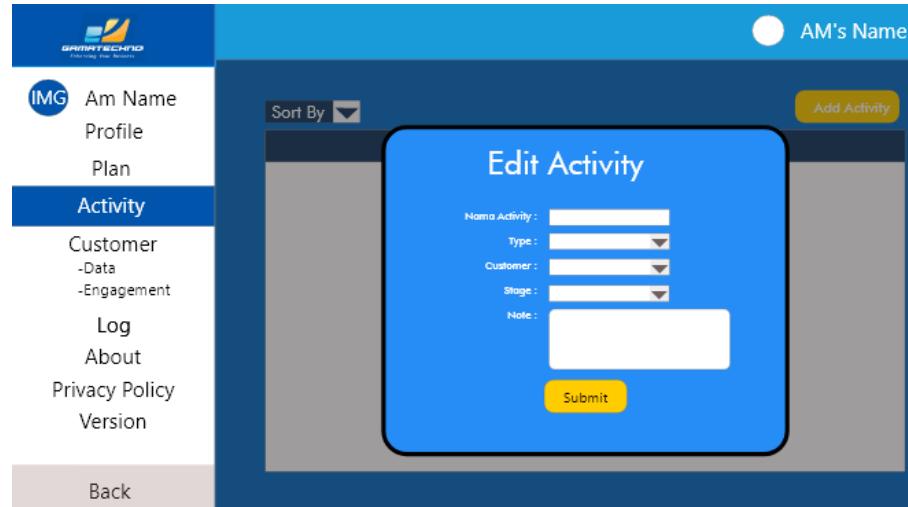
Merupakan halaman untuk menambahkan, menampilkan, mengubah, menghapus, mencari data laporan aktivitas kerja.



Gambar 3.16 Tampilan Activity

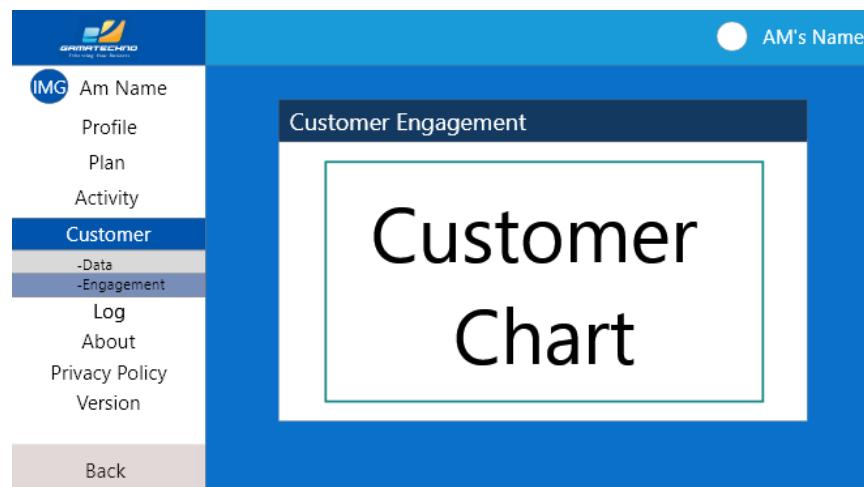


Gambar 3.17 Tampilan Add Activity

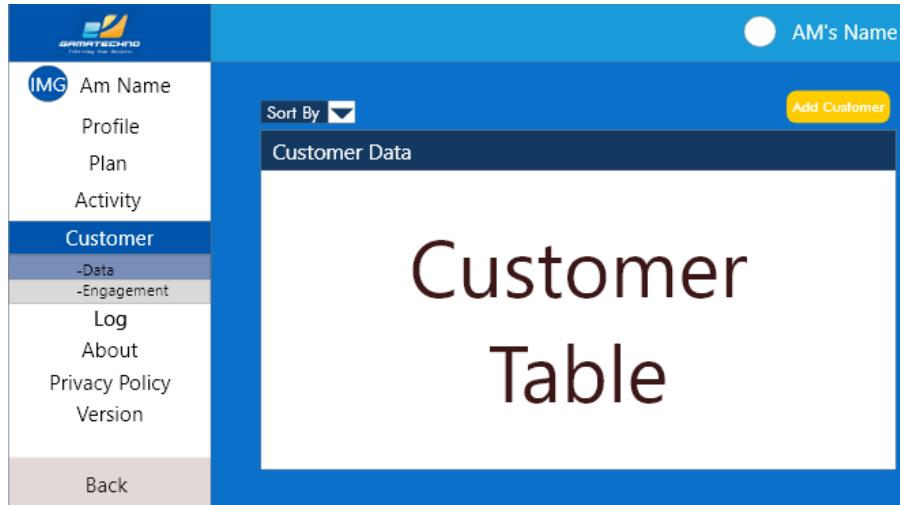


Gambar 3.18 Tampilan Edit Activity

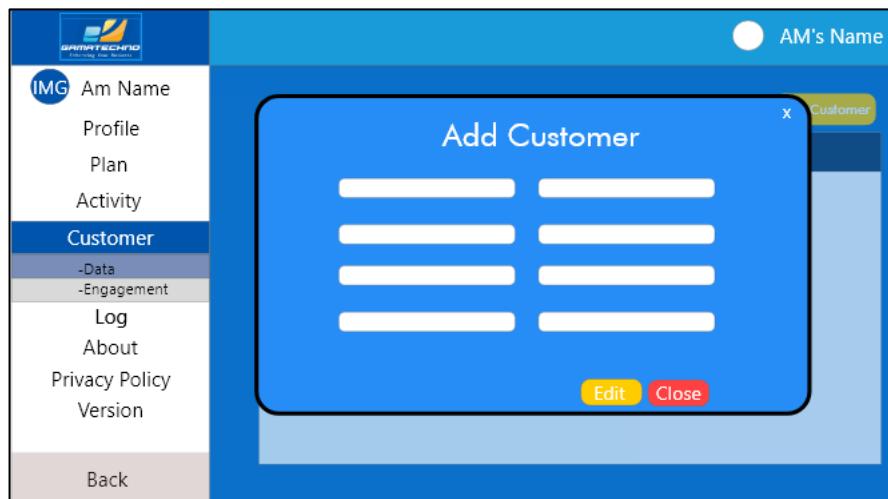
Merupakan halaman untuk menampilkan data dan diagram (chart) customer yang telah diproses dalam activity serta menambah, mengubah, dan menghapus customer.



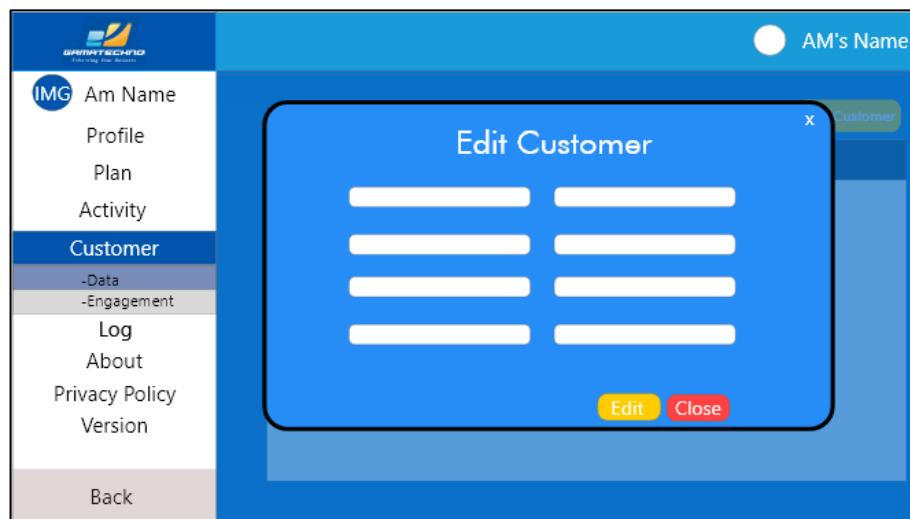
Gambar 3.19 Halaman Chart Customer



Gambar 3.20 Halaman Table Data Customer



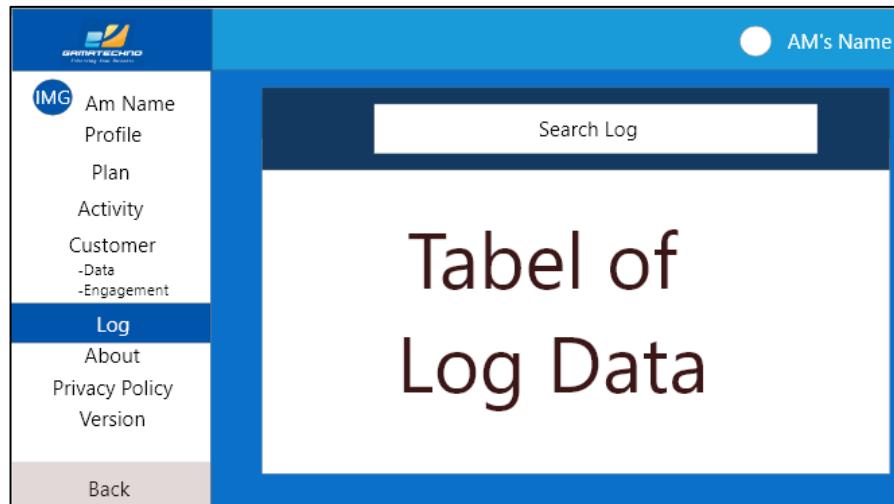
Gambar 3.21 Halaman Penambahan Customer



Gambar 3.22 Halaman Edit Customer

4. Log

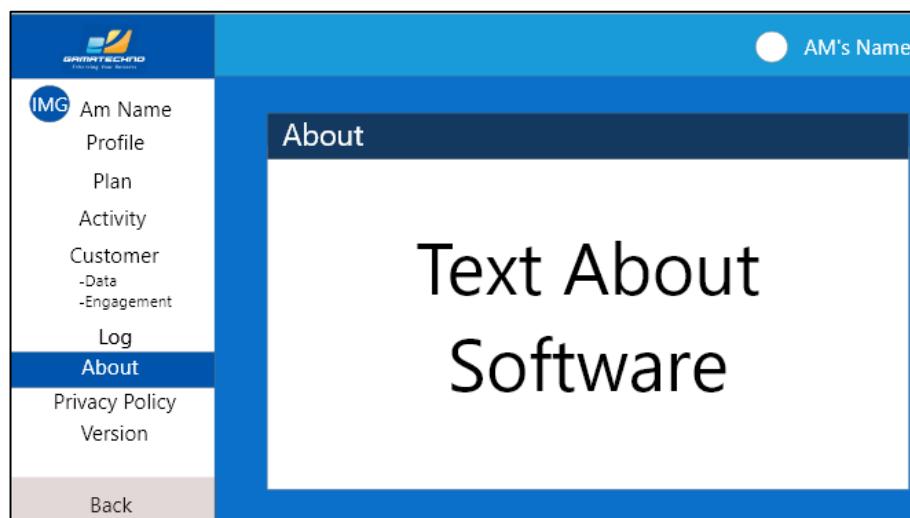
Merupakan halaman yang berfungsi untuk mencari data plan dan activity



Gambar 3.23 Halaman Log Data

5. About System

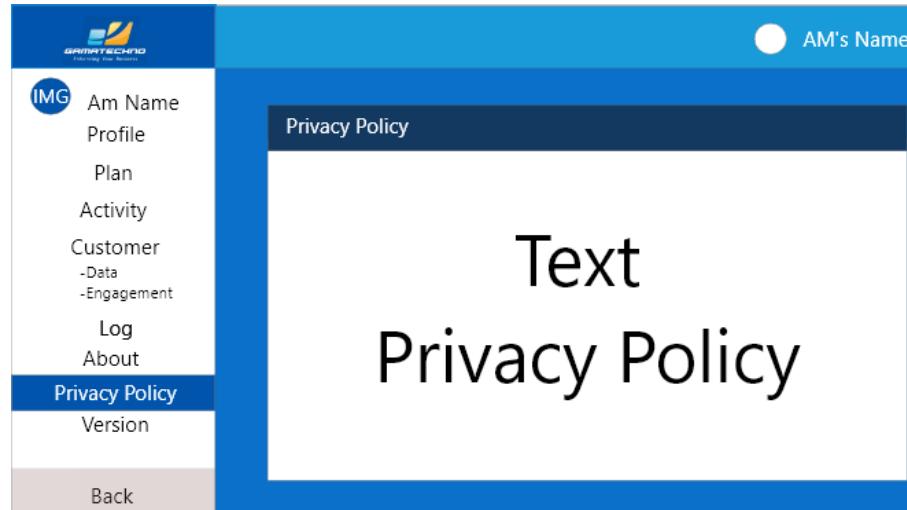
Merupakan halaman yang menampilkan informasi berkaitan dengan sistem



Gambar 3.24 Halaman About

6. Privacy Policy

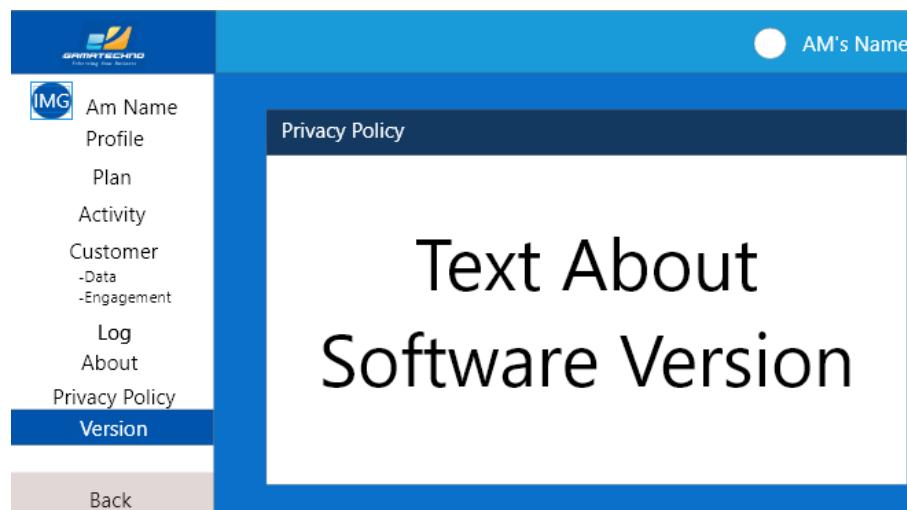
Merupakan halaman yang menampilkan informasi berkaitan peraturan penggunaan sistem



Gambar 3.25 Halaman Privacy Policy

7. Version

Merupakan halaman yang menampilkan informasi pengembangan (versi) dari sistem.

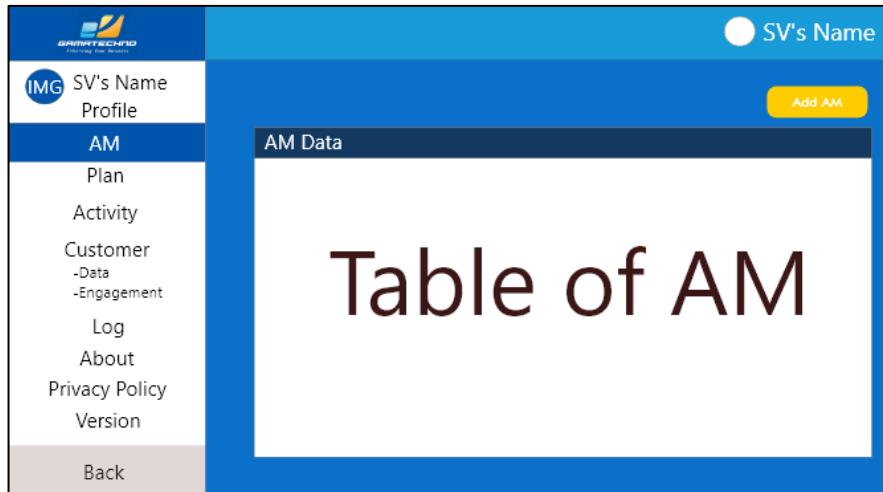


Gambar 3.26 Halaman Version

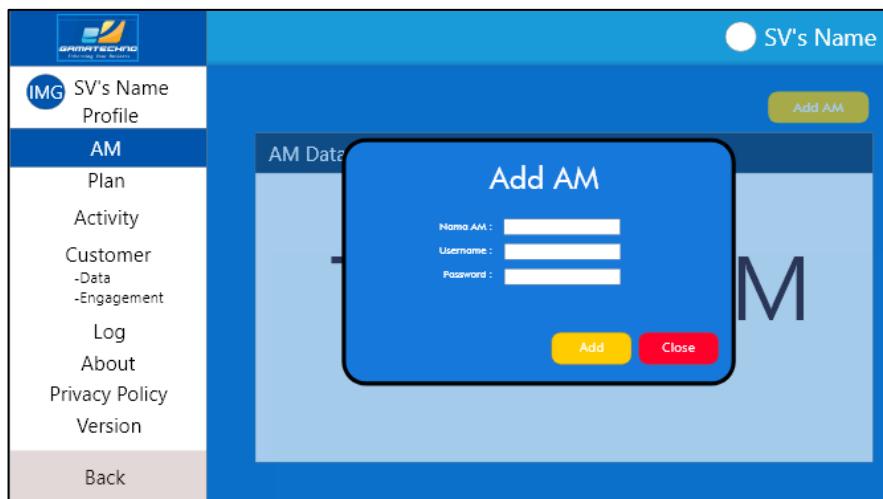
3.3.6.3 Perancangan Antarmuka Supervisor

1. AM

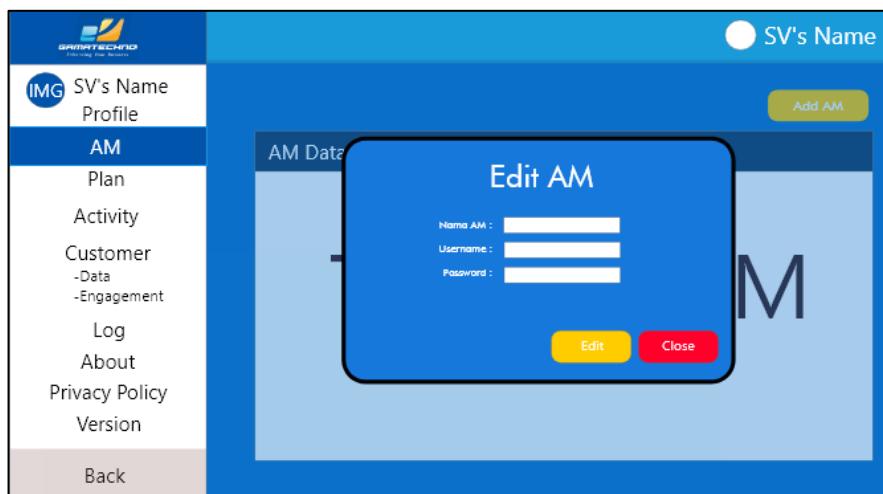
Merupakan halaman untuk menampilkan, menambahkan, dan mengubah akun dari seorang am.



Gambar 3.27 Halaman Tampil Data AM



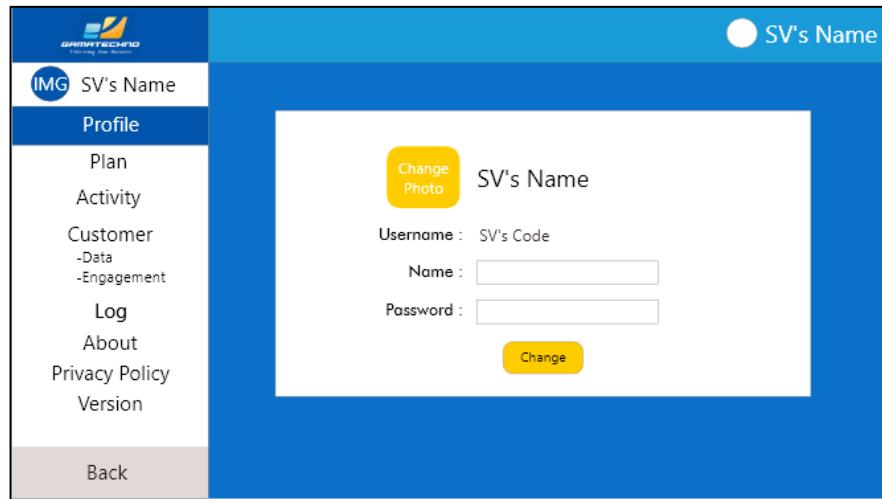
Gambar 3.28 Halaman Tambah Data AM



Gambar 3.29 Halaman Edit Data AM

2. Profil

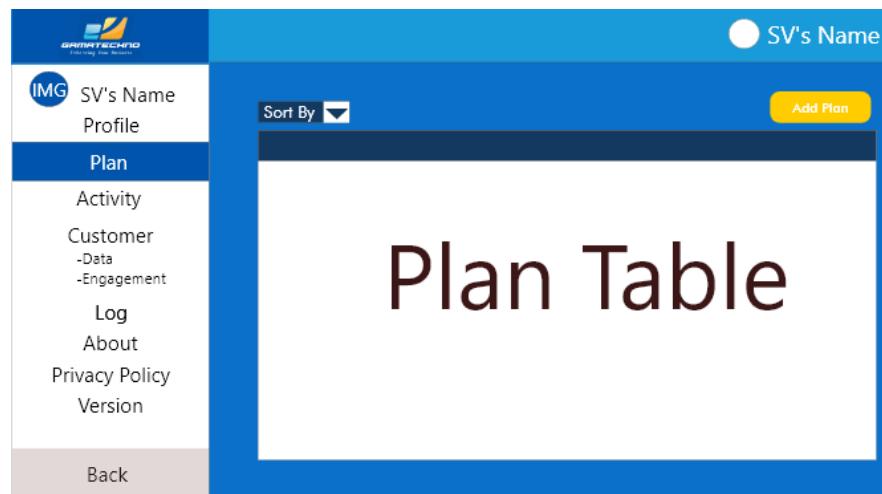
Merupakan halaman untuk mengubah setelan dari profile akun



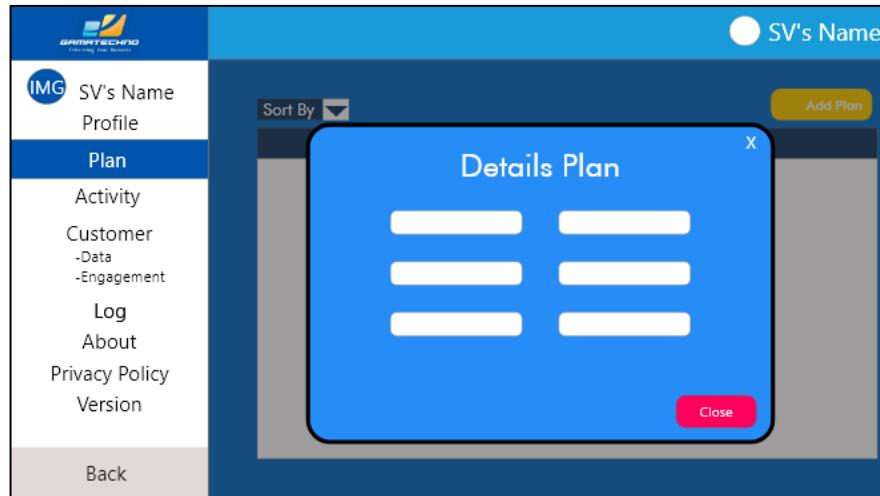
Gambar 3.30 Tampilan Edit Profil

3. Plan

Merupakan halaman untuk menampilkan dan mencari data perencanaan aktivitas kerja selanjutnya.



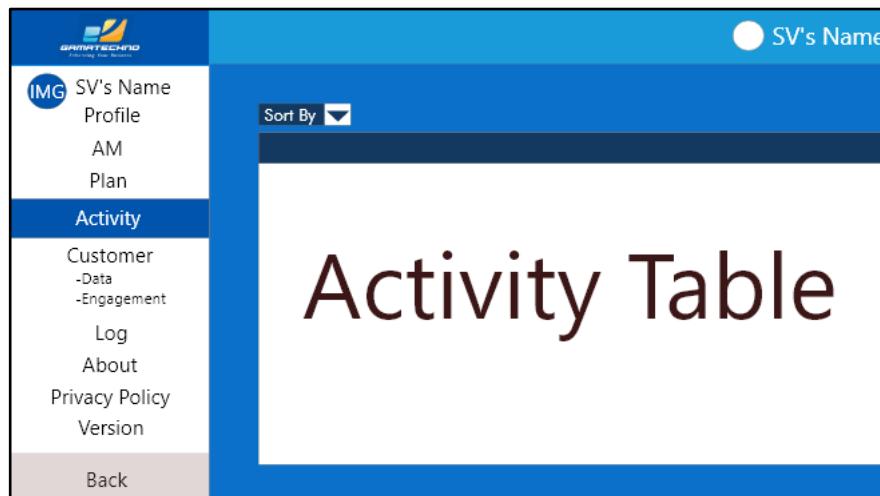
Gambar 3.31 Tampilan Plan



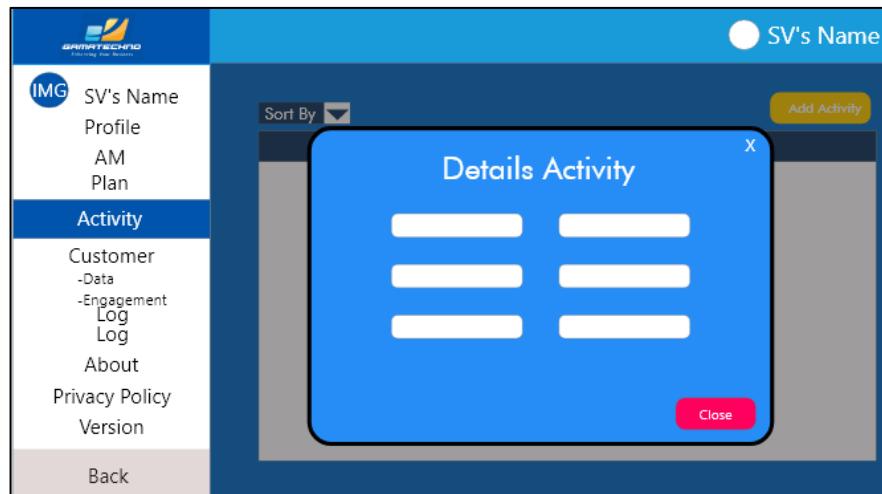
Gambar 3.32 Tampilan Detail Plan

4. Activity

Merupakan halaman menampilkan dan mencari data laporan aktivitas kerja.



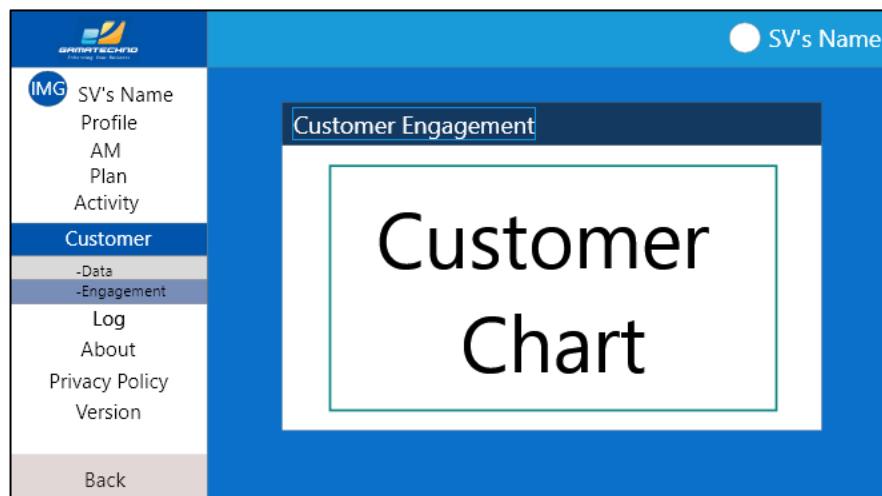
Gambar 3.33 Tampilan Activity



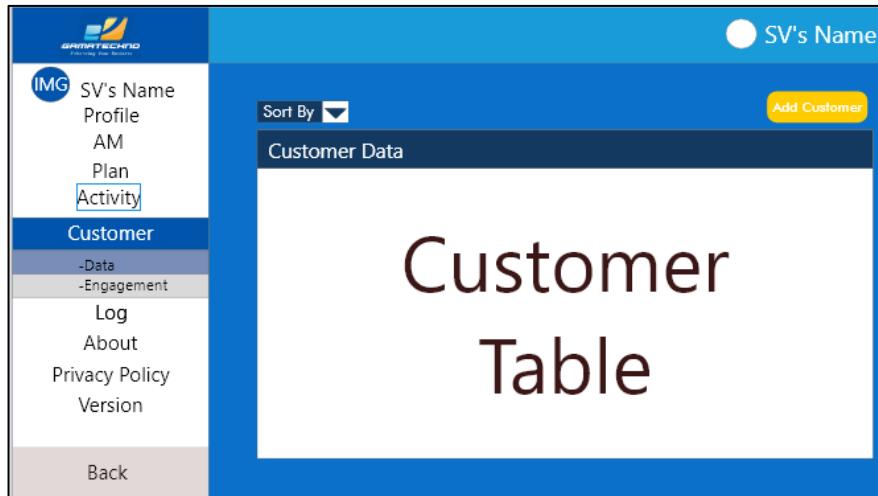
Gambar 3.34 Tampilan Detail Activity

5. Customer

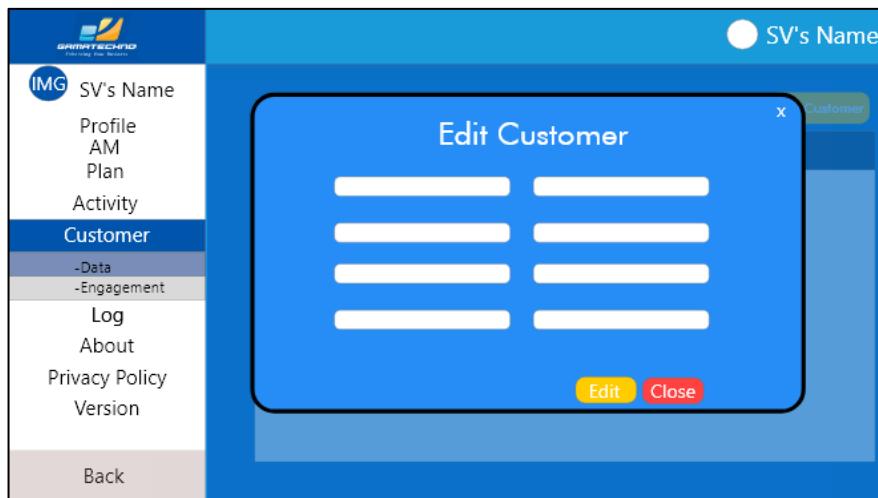
Merupakan halaman untuk menampilkan data dan diagram (chart) customer yang telah diproses dalam activity serta mengubah customer.



Gambar 3.35 Halaman Chart Customer



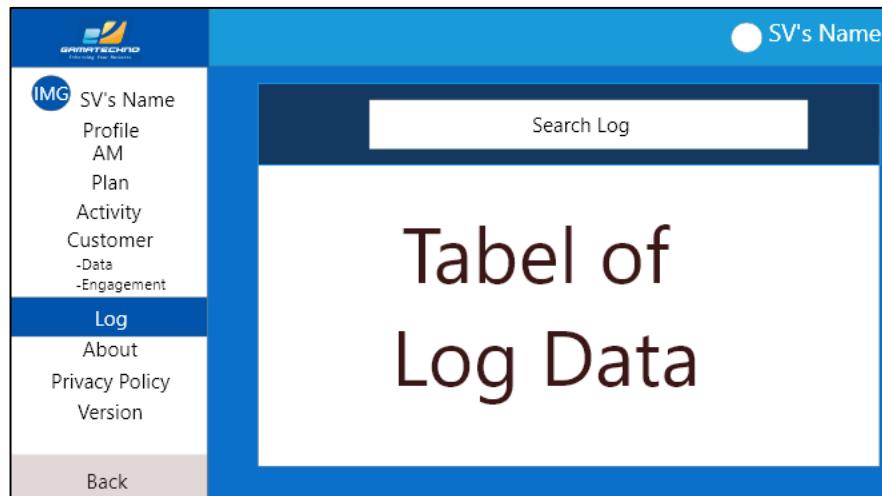
Gambar 3.36 Halaman Table Data Customer



Gambar 3.37 Halaman Edit Customer

6. Log

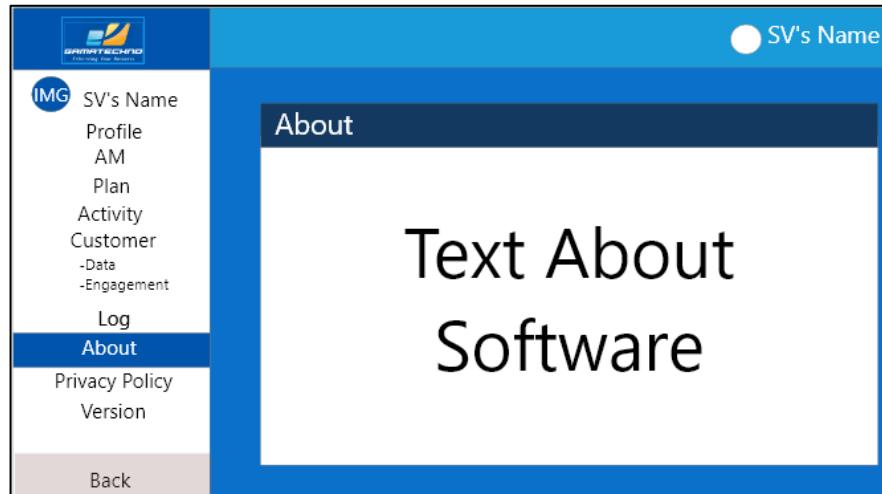
Merupakan halaman yang berfungsi untuk mencari data plan dan activity



Gambar 3.38 Halaman Log Data

7. About System

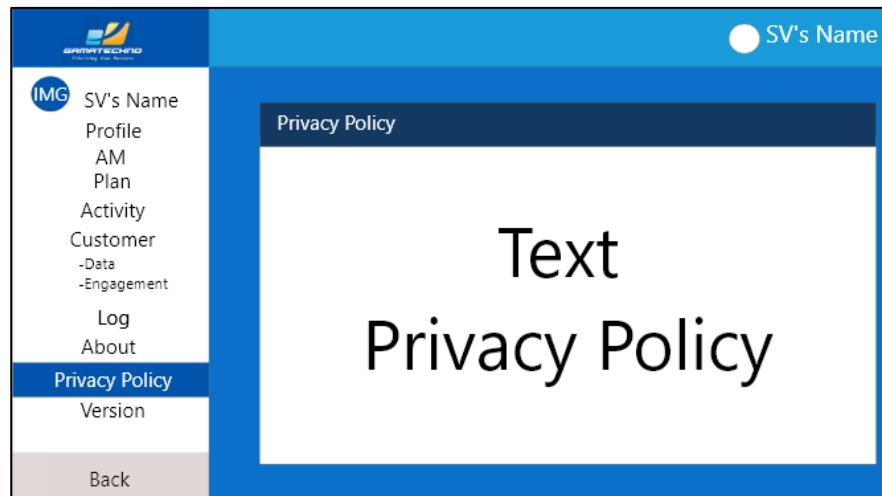
Merupakan halaman yang menampilkan informasi berkaitan dengan sistem



Gambar 3.39 Halaman About

8. Privacy Policy

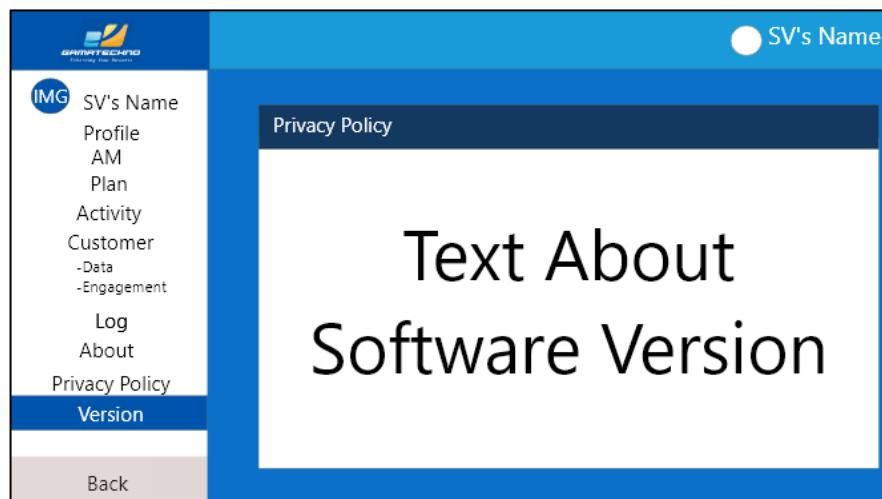
Merupakan halaman yang menampilkan informasi berkaitan peraturan penggunaan sistem



Gambar 3.40 Halaman Privacy Policy

9. Version

Merupakan halaman yang menampilkan informasi pengembangan (versi) dari sistem.



Gambar 3.41 Halaman Version

BAB IV

HASIL DAN PEMBAHASAN

4.1 Listing Program

4.1.1 Menu dan *Login*

```
<?php  
class C_menu extends CI_Controller  
{  
    public function __construct()  
    {parent::__construct();  
    $this->load->model('marketmodel');  
    error_reporting(0);}  
    public function index()  
    {$this->load->view('template/header');  
    $this->load->view('template/navbar');  
    $this->load->view('template/login');  
    $this->load->view('template/footer');}  
    public function menu()  
    {if (isset($_POST['activity']))  
     {redirect(base_url('Activity_sv/index'));}  
     if (isset($_POST['prospect']))  
     {redirect(base_url('Prospect_sv/index'));}  
    }  
    public function menu_am()  
    {if (isset($_POST['activity'])) {  
     redirect(base_url('Activity_am/index'));  
    }  
     if (isset($_POST['prospect'])) {  
     redirect(base_url('Prospect_am/index'));  
    }  
    }  
}
```

Listing Program 4.1 Controller Menu

```

<?php
class Login extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->model('marketmodel');
        error_reporting(0);
    }

    public function index()
    {
        if ($this->session->userdata('kode_am') == false) {
            $this->load->view('template/header');
            $this->load->view('template/navbar');
            $this->load->view('template/login');
            $this->load->view('template/footer');
        } else if ($this->session->userdata('kode_am')) {
            redirect('/Login/login');
        }
    }
    public function login()
    {

        if ($this->session->userdata('kode_am')) {
            if ($this->session->userdata('previlege') == "SPV") {
                $this->load->view('sv/menu');
            } else {
                $this->load->view('am/menu');
            }
        } else if (isset($_POST['login'])) {
            $kode_am = $this->input->post('kode_am');
            $password = $this->input->post('password');

            $data = array(
                'kode_am' => $kode_am,
                'password' => $password
            );
            $cek = $this->marketmodel->cekLogin("am", $data);
            if ($cek) {
                $this->session->set_userdata(array('kode_am' =>
$kode_am));
                $this->session->set_userdata(array('nama_am' =>
$cek->nama_am));
                $this->session->set_userdata(array('id_am' =>
$cek->id_am));
                $this->session->set_userdata(array('password' =>
$password));
                $this->session->set_userdata(array('previlege' =>
$cek->previlege));
                if ($cek->previlege == "SPV") {
                    $this->load->view('sv/menu');
                } else {
                    $this->load->view('am/menu');
                }
            } else {
                redirect('login?pesan=gagal');}}}

```

Listing Program 4.2 Controller Login

```

public function logout()
{
    $this->session->unset_userdata('kode_am');
    $this->session->set_flashdata('message',
        '<script languange="javascript">window.alert("Anda telah logout")</script>');
    redirect('/');
}
public function about()
{
    $this->load->view('template/header');
    $this->load->view('template/navbar');
    $this->load->view('template/about');
    $this->load->view('template/footer');
}
}

```

Listing Program 4.3 Lanjutan Controller Login

```

<?php
class marketmodel extends CI_Model
{
public function cekLogin($tableName, $where)
{
$am = $this->db
    ->get_where($tableName, $where)
    ->row();
if (!$am) {
return false;
} else {
return $am; }}}

```

Listing Program 4.4 Model Login

```

<!doctype html>
<html lang="zxx">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Marketing</title>
    <link rel="icon" href="<?=base_url('assets/') ?>img/logo/logo_gt.png" type="image/x-icon" />
    <link rel="icon" href="img/favicon.png">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="<?=base_url('assets/') ?>css/bootstrap.min.css">

```

Listing Program 4.5 View Header Login

```

<!-- animate CSS -->
    <link rel="stylesheet" href="= base_url('template/') ?&gt;css/animate.css"&gt;
    &lt;!-- owl carousel CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/owl.carousel.min.css"&gt;
    &lt;!-- font awesome CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/all.css"&gt;
    &lt;!-- flaticon CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/flaticon.css"&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/themify-icons.css"&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/nice-select.css"&gt;
    &lt;!-- font awesome CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/magnific-popup.css"&gt;
&lt;!-- swiper CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/slick.css"&gt;
    &lt;!-- style CSS --&gt;
    &lt;link rel="stylesheet" href="<?= base_url('template/') ?&gt;css/slick.css"&gt;

    &lt;link rel="stylesheet" href=" &lt;?= base_url('template/') ?&gt;css/style.css"&gt;
    &lt;script
src="http://kit.fontawesome.com/a81368914c.js"&gt;&lt;/script&gt;

    &lt;link rel="stylesheet"
href="cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css"&gt;

    &lt;!--about --&gt;
    &lt;link rel="stylesheet" type="text/css" href="<?= base_url('template/') ?&gt;css/style.css"&gt;
    &lt;link
href="https://fonts.googleapis.com/css?family=Hind&amp;display=swap"
rel="stylesheet"&gt;
    &lt;script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"
charset="utf-8"&gt;&lt;/script&gt;
&lt;/head&gt;

&lt;body&gt;</pre

```

Listing Program 4.6 Lanjutan View Header Login

```

<header class="main_menu home_menu">
<nav class="navbar navbar-expand-lg navbar-light fixed-top ">
<a class="navbar-brand " href="= base_url('Login/index') ?&gt;">
    <span class="navbar-toggler-icon"></span>
</button>

<div class="collapse navbar-collapse main-menu-item" id="navbarSupportedContent">
    <ul class="navbar-nav ml-auto">
        <li class="nav-item">
            <a class="nav-link kelasnavlink" href="= base_url('') ?&gt;"&gt;Login&lt;/a&gt;
        &lt;/li&gt;
        &lt;li class="nav-item"&gt;
            &lt;a class="nav-link kelasnavlink" href="<?= base_url('Login/about') ?&gt;"&gt;About&lt;/a&gt;
        &lt;/li&gt;
    &lt;/ul&gt;
&lt;/div&gt;
&lt;/nav&gt;
&lt;/header&gt;
</pre

```

Listing Program 4.8 Lanjutan View Navbar Login

```


<h5>Username</h5>
<input type="text" name="kode_am" class="input">
</div>
</div>

<div class="input-div pass">
<div class="i">
<i class="fas fa-lock"></i>
</div>
<div class="div">
<h5>Password</h5>
<input type="password" name="password" class="input">
</div>
</div>

<input type="submit" name="login" class="btn-log" value="login">
</form>
</div>
</div>

<script type="text/javascript" src="= base_url('template/') ?&gt;js/main.js"&gt;&lt;/script&gt;
</pre

```

Listing Program 4.10 Lanjutan View Login

```

<div class="testimonial-section" style="margin-top:40px">
<div class="">
<h1>Our Developer</h1>
<center>
<div class="upnlogo">

<html lang="en" dir="ltr">

<head>

    <meta charset="utf-8">

    <title>Menu</title>

    <link rel="stylesheet" href="../../template/css/style.css">

    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.3.1/css/all.css">

    <link rel="icon" href="= base_url('assets/') ?&gt;img/logo/logo_gt.png" type="image/x-icon" /&gt;

    &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;

&lt;/head&gt;

&lt;body&gt;

    &lt;div class="services"&gt;

        &lt;h1&gt;MARKETING&lt;/h1&gt;

        &lt;div class="cen"&gt;

            &lt;div class="service"&gt;

                &lt;form action="<?= base_url('C_menu/menu_am') ?&gt;" method="post"&gt;

                    &lt;span style="font-size: 48px;"&gt;

                        &lt;i class="fas fa-poll"&gt;&lt;/i&gt;

                    &lt;/span&gt;

                    &lt;input type="submit" name="activity" class="btn-log" value="E-ACTIVITY"&gt;

                    &lt;p&gt;schedule AM daily activity data and plans, customer data, detailed AM work results&lt;/p&gt;

                &lt;/form&gt;

            &lt;/div&gt;

            &lt;div class="service"&gt;
</pre

```

Listing Program 4.15 View Menu

```

<form action="= base_url('C_menu/menu_am') ?&gt;" method="post"&gt;

    &lt;span style="font-size: 48px;"&gt;
        &lt;i class="fas fa-lightbulb"&gt;&lt;/i&gt;
    &lt;/span&gt;

    &lt;input type="submit" name="prospect" class="btn-log"
value="E-PROSPECT"&gt;

    &lt;p&gt;project data to be worked on and detailed project
details&lt;/p&gt;

    &lt;/form&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/body&gt;

&lt;/html&gt;
</pre

```

Listing Program 4.16 Lanjutan View Menu

4.1.2 Sisi Supervisor (SV)

```

<?php
defined('BASEPATH') or exit('No direct script access allowed');

class Activity_sv extends CI_Controller
{
    function __construct()
    {
        parent::__construct();
        if (!$this->session->userdata('kode_am')) {
            redirect('login?pesan=Silakan Login dahulu');
        }
        $this->load->model("modelActivity_sv");
        $this->load->library('form_validation');
        error_reporting(0);
    }

    public function index()
    {
        $id_am = $this->session->userdata('id_am');
        $where = array('id_am' => $id_am);
    }
}

```

Listing Program 4.17 Controller activity_sv

```

$data['profile'] = $this->modelActivity_sv->getData("*", "am",
$where);

$data['activities'] =
$this->modelActivity_sv->getJoinActivity(
    "*",
    "activity",
    "am",
    "type_act",
    "stage",
    "customer",
    "am.id_am=activity.id_am",
    "type_act.id_type=activity.id_type",
    "stage.id_stage=activity.id_stage",
    "customer.id_customer=activity.id_customer",
    "activity.done=1",
    "time"
);

$data['title'] = 'Activity';

$this->load->view('sv/activity_template/header', $data);
$this->load->view('sv/activity_template/topbar', $data);
$this->load->view('sv/activity_template/sidebar', $data);
$this->load->view('sv/activity/activity', $data);
$this->load->view('sv/activity_template/footer', $data);

}

public function menu(){

$this->load->view('sv/menu');

public function profile()

{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
}

```

Listing Program 4.18 Lanjutan Controller activity_sv

```

$data['profile'] = $this->modelActivity_sv->getData("*", "am",
$where);

$data['title'] = 'Profile';
$this->load->view('sv/activity_template/header', $data);
$this->load->view('sv/activity_template/topbar', $data);
$this->load->view('sv/activity_template/sidebar', $data);
$this->load->view('sv/activity/profile', $data);
$this->load->view('sv/activity_template/footer', $data);
}
public function customer()
{
    $data['title'] = 'Customer Engagement';
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['customers'] = $this->modelActivity_sv->getCustomer();
    $data['am'] = $this->modelActivity_sv->getDataAm();
    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/customer', $data);
    $this->load->view('sv/activity_template/footer', $data);}
public function dataCustomer()
{
    $data['title'] = 'Customer Data';
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['customer'] =
$this->modelActivity_sv->getDataCustomer();
    $data['pic'] = $this->modelActivity_sv->getDataPic();
    $data['am'] = $this->modelActivity_sv->getDataAm();

    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/dataCustomer', $data);
    $this->load->view('sv/activity_template/footer', $data);
}
public function log()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['plans'] = $this->modelActivity_sv->getJoinActivity(
    "*",
    "activity",
    "type_act",
}

```

Listing Program 4.19 Lanjutan Controller activity_sv

```

"stage",
    "customer",
    "am",
    "type_act.id_type=activity.id_type",
    "stage.id_stage=activity.id_stage",
    "customer.id_customer=activity.id_customer",
    "activity.done=activity.done",
    "am.id_am=activity.id_am",
    "am.id_am=activity.id_am"
);

$data['title'] = 'Log';
$this->load->view('sv/activity_template/header', $data);
$this->load->view('sv/activity_template/topbar', $data);
$this->load->view('sv/activity_template/sidebar', $data);
$this->load->view('sv/activity/log', $data);
$this->load->view('sv/activity_template/footer', $data);
}
public function am()
{
    $data['title'] = 'AM';
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    if ($_GET['id']) {
        $id_delete = $_GET['id'];
        $this->modelActivity_sv->delete("am", array('id_am' =>
$id_delete));
    }
    $data['am'] = $this->modelActivity_sv->getDataAm();
    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/am', $data);
    $this->load->view('sv/activity_template/footer', $data);
}
public function plan()
{
    $data['title'] = 'Plan';
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['plans'] = $this->modelActivity_sv->getJoinActivity(
"**",
"activity",
"type_act",
"stage",
    "customer",
"am",
    "type_act.id_type=activity.id_type",
    "stage.id_stage=activity.id_stage",

```

Listing Program 4.20 Lanjutan Controller activity_sv

```

"customer.id_customer=activity.id_customer",
    "activity.done=0",
    "am.id_am=activity.id_am"
);
$this->load->view('sv/activity_template/header', $data);
$this->load->view('sv/activity_template/topbar', $data);
$this->load->view('sv/activity_template/sidebar', $data);
$this->load->view('sv/activity/plan', $data);
$this->load->view('sv/activity_template/footer', $data);
}
public function about()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['title'] = 'About';
    $data['customer'] =
$this->modelActivity_sv->getDataCustomer();
    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/about', $data);
    $this->load->view('sv/activity_template/footer', $data);
}
public function privacy()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['title'] = 'Privacy Policy';
    $data['customer'] =
$this->modelActivity_sv->getDataCustomer();
    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/privacy', $data);
    $this->load->view('sv/activity_template/footer', $data);}
public function version()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_sv->getData("*",
"am", $where);
    $data['title'] = 'Version';
    $data['customer'] =
$this->modelActivity_sv->getDataCustomer();
    $this->load->view('sv/activity_template/header', $data);
    $this->load->view('sv/activity_template/topbar', $data);
    $this->load->view('sv/activity_template/sidebar', $data);
    $this->load->view('sv/activity/version', $data);
    $this->load->view('sv/activity_template/footer', $data);}
```

Listing Program 4.21 Lanjutan Controller activity_sv

```

public function get_autocomplete()
{
    if (isset($_GET['term'])) {
        $result
        $this->modelActivity_sv->search_blog($_GET['term']);
        if (count($result) > 0) {
            foreach ($result as $row)
                $arr_result[] = array(
                    'label'          => $row->nama_customer,
                    'id'             => $row->id_customer
                );
            echo json_encode($arr_result);
        }
    }
}
public function update($id_activity)
{
    $update = [
        'id_activity' => $id_activity, 'done' => '1',
    ];
    $this->modelActivity_sv->update($update);
    redirect(base_url('activity_sv/index'));
}
public function updateAM()
{
    $update = array(
        'id_am' => $this->input->post('EditId'),
        'kode_am' => $this->input->post('EditKode'),
        'nama_am' => $this->input->post('EditNama'),
        'password' => $this->input->post('EditPassword'),
    );
    $this->modelActivity_sv->updateAM($update);
    redirect(base_url('activity_sv/am'));
}
public function getCust($id)
{
    $data = $this->modelActivity_sv->getCustomerbyAM($id);
    echo json_encode($data);
}

public function UpdateProfile()
{
    $data = $this->input->post();
    $cekFoto = $_FILES['foto_am']['name'];
    if ($cekFoto != null) {
        $profile = array(
            'kode_am' => $data['kode_am'],
            'nama_am' => $data['name_am'],
            'password' => $data['password'],
            'foto_am' => $_FILES['foto_am']['name']
        );
        $config['upload_path'] = './assets/image';
        $config['allowed_types'] = 'jpg|png|gif|jpeg';

        $this->load->library('upload', $config);
        if (!$this->upload->do_upload('foto_am')) {
            echo "Upload Gagal";die();
        }
    }
}

```

Listing Program 4.22 Lanjutan Controller activity_sv

```

} else {
    $foto_am = $this->upload->data('foto_am');
}
} else {
    $profile = array(
        'kode_am' => $data['kode_am'],
        'nama_am' => $data['name_am'],
        'password' => $data['password'],
    );
}

$this->modelActivity_sv->updateProfil($profile);
redirect('/Activity_sv/profile');
}
}

public function editCustomer()
{
    $cust = array(
        'id_am' => $this->input->post('amCust'),
        'id_customer' => $this->input->post('EditIdCust'),
        'nama_customer' => $this->input->post('EditNameCust'),
        'segment' => $this->input->post('SegmentCust'),
        'email' => $this->input->post('Email'),
        'contact' => $this->input->post('Contact')
    );
    $this->modelActivity_sv->updateCust($cust);
    $id_customer = $this->input->post('EditIdCust', true);
    $deletePIC = $this->modelActivity_sv->delete("pic",
array('id_customer' => $id_customer));
    $name = $this->input->post('namaPIC', true);
    $email = $this->input->post('emailPIC', true);
    $telp = $this->input->post('telpPIC', true);
    foreach ($name as $i => $nama) { // need index to match other
properties
        $data = array(
            'nama_pic' => $nama,
            'id_customer' => $id_customer,
            'telp' => isset($telp[$i]) ? $telp[$i] : '',
            'email' => isset($email[$i]) ? $email[$i] : ''
        );
        $this->modelActivity_sv->addCust('pic', $data);
    }
    redirect('/Activity_sv/dataCustomer');
}
}

public function AddAm()
{
    $am = array(
        'kode_am' => $this->input->post('code_am'),
        'nama_am' => $this->input->post('am_name'),
        'password' => $this->input->post('password'),
        'foto_am' => 'photo.jpg',
        'previlege' => 'AM'
    );
    $this->modelActivity_sv->addAm("am", $am);
    redirect('/Activity_sv/am');
}
}
}

```

Listing Program 4.23 Lanjutan Controller activity_sv

```

<?php

class modelActivity_sv extends CI_Model
{

    public const TABLE_NAME = 'activity';

    public function search_blog($nama)
    {
        $this->db->like('nama_customer', $nama, 'both');
        $this->db->order_by('nama_customer', 'ASC');
        $this->db->limit(10);
        return $this->db->get('customer')->result();
    }

    function getJoinActivity($kolom, $table1, $table2, $table3,
    $table4, $table5, $syarat1, $syarat2, $syarat3, $syarat4, $syarat5)
    {
        // $this->db->group_by('time');
        $this->db->select($kolom);
        $this->db->from($table1); // activity
        $this->db->join($table2, $syarat1); // am-
        am.id_am=activity.id_am
        $this->db->join($table3, $syarat2); // type-
        type_act.id_type=activity.id_type
        $this->db->join($table4, $syarat3); // stage-
        stage.id_stage=activity.id_stage
        $this->db->join($table5, $syarat4); // customer-
        customer.id_customer=activity.id_customer
        $this->db->where($syarat5); // activity.done=1 ,time
        // $this->db->order_by('time', 'ASC');
        $query = $this->db->get()->result();
        return $query;
    }

    public function getData($kolom, $table, $where = false)
    {
        if ($where) {
            return $this->db

```

Listing Program 4.24 Model *activity_sv*

```

->select($kolom)
    ->from($table)
    ->where($where)
    ->get()
    ->row();
} else {
    return $this->db
        ->select($kolom)
        ->get($table)
        ->result();
}
}

public function updateCust($cust)
{
    $this->db->update('customer', $cust, array('id_customer' =>
$cust['id_customer']));
}

function updateData($table, $set, $where)
{
    return $this->db
        ->where($where)
        ->update($table, $set);
}

public function update($done)
{
    $this->db->update('activity', $done, array('id_activity' =>
$done['id_activity']));
}

function insertData($table, $value)
{
    return $this->db
        ->insert($table, $value);
}

```

Listing Program 4.25 Lanjutan Model *activity_sv*

```

public function getCustomer()
{
    $this->db->select('activity.id_activity');

    $this->db->select('customer.nama_customer');

    $this->db->select('COUNT(activity.id_customer) AS n');

    $this->db->from('activity');

    $this->db->join('customer', 'activity.id_customer = customer.id_customer');

    $this->db->group_by('activity.id_customer');

    $this->db->order_by('customer.nama_customer');

    $this->db->where('activity.done=1');

    $query = $this->db->get()->result();

    return $query;
}

public function getCustomerbyAM($id)
{
    $this->db->select('activity.id_activity');

    $this->db->select('customer.nama_customer');

    $this->db->select('COUNT(activity.id_customer) AS n');

    $this->db->from('activity');

    $this->db->join('customer', 'activity.id_am= ' . $id);

    $this->db->where('activity.id_customer=customer.id_customer');

    $this->db->group_by('activity.id_customer');

    $this->db->order_by('customer.nama_customer');

    $this->db->where('activity.done=1');

    $query = $this->db->get()->result();

    return $query;
}

public function updateProfil($profile)
{
    $this->db->where('kode_am', $profile['kode_am']);

    $this->db->update('am', $profile);
}

```

Listing Program 4.26 Lanjutan Model *activity_sv*

```

public function updateAM($dataAM)
{
    $this->db->where('id_am', $dataAM['id_am']);
    $this->db->update('am', $dataAM);
}

public function getDataCustomer()
{
    return $this->db->select('*')
        ->from('customer')
        ->join('am', 'customer.id_am=am.id_am')
        ->get()
        ->result();
}

public function getDataPic()
{
    return $this->db->select('*')
        ->from('pic')
        ->get()
        ->result();
}

public function getDataAm()
{
    return $this->db
        ->select('*') //function bawaan dari CI untuk akses
databasenya
        ->from('am')
        ->where(array('privilege' => 'am'))
        ->get()
        ->result();
}

public function delete($table, $where)
{return $this->db
    ->where($where) //untuk menampung syaratnya
    ->delete($table); //ini yang akan dihapus}

```

Listing Program 4.27 Lanjutan Model *activity_sv*

```

public function addAm($table, $am)
{
    return $this->db->insert($table, $am);
}

public function addCust($table, $cust)
{
    $this->db //sudah bawaan dari CI
        ->insert($table, $cust); //function insert bawaan dari CI
    $idCust = $this->db->insert_id();
    return $idCust;
}
}

```

Listing Program 4.28 Lanjutan Model *activity_sv*

```

<!DOCTYPE html>

<html lang="en">

    <head>
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <meta content='width=device-width, initial-scale=1.0, shrink-to-fit=no' name='viewport' />
        <link rel="icon" href="<?=base_url('assets/') ?>img/logo/logo_gt.png" type="image/x-icon" />
        <title><?php echo $title ?> </title>
        <!-- Fonts and icons -->
        <script src="<?=base_url('assets/') ?>js/plugin/webfont/webfont.min.js"></script>
        <script>
            WebFont.load({
                google: {
                    "families": ["Lato:300,400,700,900"]
                },
                custom: {
                    "families": ["Flaticon", "Font Awesome 5 Solid", "Font Awesome 5 Regular", "Font Awesome 5 Brands", "simple-line-icons"],

```

Listing Program 4.29 View header *activity_sv*

```

urls: ['../assets/css/fonts.min.css']

    } ,
    active: function() {
        sessionStorage.fonts = true;
    }
});

</script>

<!-- CSS Files -->

<link rel="stylesheet" href="#">  

base_url('assets/') ?>css/bootstrap.min.css">

<link rel="stylesheet" href="#">  

base_url('assets/') ?>css/atlantis.min.css">

<link rel="stylesheet" href="#">  

base_url('assets/') ?>css/additional.css">

<!-- CSS Just for demo purpose, don't include it in your project  

-->

<link rel="stylesheet" href="#">  

base_url('assets/') ?>css/demo.css">

</head>

<body>

<div class="wrapper">

    <div class="main-header">

```

Listing Program 4.30 Lanjutan *View header activity_sv*

```

<!-- Logo Header -->

<div class="logo-header bg-logo">

    <a href="#">  

base_url() ?>" class="logo">

base_url('template/') ?>img/logo2.png"  

alt="logo" style="width: 65px; margin-left: 50px"> </a>

    </a>

    <button class="navbar-toggler sidenav-toggler ml-auto"  

type="button" data-toggle="collapse" data-target="collapse" aria-  

expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon">

            <i class="icon-menu"></i>

        </span>
    </button>

```

Listing Program 4.31 *View topbar activity_sv*

```

<button class="topbar-toggler more"><i class="icon-options-vertical"></i></button>

<div class="nav-toggle">
    <button class="btn btn-toggle toggle-sidebar">
        <i class="icon-menu"></i>
    </button>
</div>
</div>

<!-- End Logo Header -->
<!-- Navbar Header -->

<nav class="navbar navbar-header navbar-expand-lg bg-topbar">

    <div class="container-fluid">

        <ul class="navbar-nav topbar-nav ml-md-auto align-items-center">
            <li class="nav-item dropdown hidden-caret">
                <a class="dropdown-toggle profile-pic" data-toggle="dropdown" href="#" aria-expanded="false">
                    <div class="avatar-sm">
                        
                    </div>
                </a>
                <ul class="dropdown-menu dropdown-user animated fadeIn">
                    <div class="dropdown-user-scroll scrollbar-outer">
                        <li>
                            <div class="user-box">
                                <div class="avatar-lg"></div>
                                <div class="u-text">
                                    <h4><?phpecho $this->session->userdata('nama_am'); ?>
                                    </h4></div>
                            </div>
                        </li>
                    </div>
                </ul>
            </li>
        </ul>
    </div>
</nav>

```

Listing Program 4.32 Lanjutan View topbar activity_sv

```

<p class="text-muted">
    <?php
        echo
    $this->session->userdata('kode_am');
    ?>
</p>
</div>
</div>
</li>
<li>
    <div class="dropdown-divider"></div>
    <?php $kode_am =
$this->session->userdata('kode_am') ?>
        <a class="dropdown-item" href="<?= base_url('activity_sv/profile') ?>">My Profile</a>
        <a class="dropdown-item log-out" href="<?= base_url('login/logout') ?>">Logout</a>
    </li>
</div>
</ul>
</li>
</ul>
</div>
</nav>
<!-- End Navbar -->

```

Listing Program 4.33 Lanjutan View topbar activity_sv

```

<div class="sidebar sidebar-style-2">
    <div class="sidebar-wrapper scrollbar scrollbar-inner">
        <div class="sidebar-content">
            <div class="user">
                <div class="avatar-sm float-left mr-2">
                    
                </div>

```

Listing Program 4.34 View sidebar activity_sv

```

<div class="info">
    <a data-toggle="collapse" href="#collapseExample"
aria-expanded="true">
        <span>
            <?php
                echo $this->session->userdata('nama_am');
            ?>
            <span class="user-level">
                <?php
                    echo
                $this->session->userdata('kode_am');
                ?></span>
            <span class="caret"></span>
        </span>
    </a>
    <div class="clearfix"></div>

    <div class="collapse in" id="collapseExample">
        <ul class="nav " >
            <li class="nav-item">
                <?php
                    $kode_am = $this->session->userdata('kode_am') ?>
                <a class="nav-link" href="<?= base_url('activity_sv/profile') ?>">
                    <i class="fas fa-user-circle"></i>
                    <span class="link-collapse">My
Profile</span>
                </a>
            </li>
        </ul>
    </div>
</div>
<ul class="nav nav-primary">
    <?php if ($title == 'AM') { ?>

```

Listing Program 4.35 Lanjutan View sidebar activity_sv

```

<li class="nav-item active">
    <?php } else { ?>
        <li class="nav-item">
            <?php } ?> <a class="nav-link" href="<?=base_url('activity_sv/am') ?>">
                <i class="fas fa-user-alt"></i>
                <span>AM</span>
            </a>
        </li>
        <?php if ($title == 'Plan') { ?>
            <li class="nav-item active">
                <?php } else { ?>
                    <li class="nav-item">
                        <?php } ?> <a class="nav-link" href="<?=base_url('activity_sv/plan') ?>">
                            <i class="far fa-list-alt"></i>
                            <span>Plan</span>
                        </a>
                    </li>
                    <?php if ($title == 'Activity') { ?>
                        <li class="nav-item active">
                            <?php } else { ?>
                                <li class="nav-item">
                                    <?php } ?> <a class="nav-link" href="<?=base_url('activity_sv/index') ?>">
                                        <i class="fas fa-clipboard-list"></i>
                                        <span>Activity</span>
                                    </a>
                                </li>
                                <?php if ($title == 'Customer Data') { ?>
                                    <li class="nav-item active submenu">
                                        <a data-toggle="collapse" href="#sidebarLayouts">
                                            <i class="far fa-chart-bar"></i>

```

Listing Program 4.36 Lanjutan View sidebar activity_sv

```

<span>Customer</span>

                <span class="caret"></span>
            </a>
        <div id="sidebarLayouts" class="collapse show">
            <ul class="nav nav-collapse">
                <li class="active">
                    <a href="#">Customer Data>
                        </a>
                </li>
                <li>
                    <a href="#">Customer Engagement>
                        </a>
                </li>
            </ul>
        </div>
    </li>
    <?php } elseif ($title == 'Customer Engagement') { ?>
        <li class="nav-item active submenu">
            <a data-toggle="collapse" href="#">>Customer>
                <span class="caret"></span>
            </a>
            <div id="sidebarLayouts">
                <ul class="nav nav-collapse">
                    <li>

```

Listing Program 4.37 Lanjutan View sidebar activity_sv

```

        <a      class="nav-link"
 href="= base_url('activity_sv/dataCustomer') ?&gt;"&gt;
            &lt;span    class="sub-
item"&gt;Customer Data&lt;/span&gt;
        &lt;/a&gt;
    &lt;/li&gt;
    &lt;li class="active"&gt;
        &lt;a      class="nav-link"
 href="<?= base_url('activity_sv/customer') ?&gt;"&gt;
            &lt;span    class="sub-
item"&gt;Customer Engagement&lt;/span&gt;
        &lt;/a&gt;
    &lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;/li&gt;
&lt;?php } else { ?&gt;
    &lt;li class="nav-item"&gt;
        &lt;a          data-toggle="collapse"
 href="#sidebarLayouts"&gt;
            &lt;i      class="far      fa-chart-
bar"&gt;&lt;/i&gt;
            &lt;span&gt;Customer&lt;/span&gt;
            &lt;span class="caret"&gt;&lt;/span&gt;
        &lt;/a&gt;
        &lt;div          class="collapse"
 id="sidebarLayouts"&gt;
            &lt;ul class="nav nav-collapse"&gt;
                &lt;li&gt;
                    &lt;a      class="nav-link"
 href="<?= base_url('activity_sv/dataCustomer') ?&gt;"&gt;
                        &lt;span    class="sub-
item"&gt;Customer Data&lt;/span&gt;
                    &lt;/a&gt;
                &lt;/li&gt;
                &lt;li&gt;
</pre

```

Listing Program 4.38 Lanjutan View sidebar activity_sv

```

        <a      class="nav-link"
href="<?= base_url('activity_sv/customer') ?>">
            <span    class="sub-
item">Customer Engagement</span>
        </a>
    </li>
</ul>
</div>
</li>
<?php } ?>
<?php if ($title == 'Log') { ?>
    <li class="nav-item active">
        <?php } else { ?>
        <li class="nav-item">
            <?php } ?>

            <a      class="nav-link"      href="<?=
base_url('activity_sv/log') ?>">
                <i class="fas fa-search"></i>
                <span>Log</span>
            </a>
        </li>
        <?php if ($title == 'About') { ?>
            <li class="nav-item active">
                <?php } else { ?>
                <li class="nav-item">
                    <?php } ?> <a  class="nav-link"
href="<?= base_url('activity_sv/about') ?>">
                    <i class="fas fa-info"></i>
                    <span>About</span>
                </a>
            </li>
            <?php if ($title == 'Privacy
Policy') { ?>
                <li class="nav-item active">

```

Listing Program 4.39 Lanjutan View sidebar activity_sv

```

<?php } else { ?>
    <li class="nav-item">
        <?php } ?> <a class="nav-link"
        href="= base_url('activity_sv/privacy') ?&gt;"&gt;
            &lt;i class="fas fa-balance-
            scale"&gt;&lt;/i&gt;
            &lt;span&gt;Privacy
        Policy&lt;/span&gt;
    &lt;/a&gt;
&lt;/li&gt;
&lt;?php if ($title == 'Version')
{ ?&gt;
    &lt;li class="nav-item active"&gt;
        &lt;?php } else { ?&gt;
            &lt;li class="nav-item"&gt;
                &lt;?php } ?&gt; &lt;a class="nav-
                link" href="<?= base_url('activity_sv/version') ?&gt;"&gt;
                    &lt;i class="fas fa-code-
                    branch"&gt;&lt;/i&gt;
                    &lt;span&gt;Version&lt;/span&gt;
                &lt;/a&gt;
            &lt;/li&gt;
            &lt;li class="nav-item" style="position: fixed;bottom: 0;"&gt;
                &lt;a class="nav-link"
                href="<?= base_url('activity_sv/menu') ?&gt;"&gt;
                    &lt;i class="fas fa-
                    arrow-circle-left"&gt;&lt;/i&gt;
                    &lt;span&gt;Back&lt;/span&gt;
                &lt;/a&gt;
            &lt;/li&gt;
        &lt;/ul&gt;
    &lt;/div&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;!-- End Sidebar --&gt;
</pre

```

Listing Program 4.40 Lanjutan View sidebar activity_sv

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">About</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel text-justify text-muted">
                        <h3 class="text-center">GT-Marketing</h3>
                        <p class="text-center"> Version : 1.0 <br> Legal Notices</p>
                        <p>
                            Gamatechno, the Gamatechno logo, trademarks of PT. Gamatechno Indonesia in the Indonesia and/or other countries.
                            <br> All other trademarks are the property of their respective owners.
                            <br> JQuery and JQuery UI Copyright © 2013 JQuery Foundation and other contributors. All Rights Reserved.
                            <br> Atlantis Lite Master Template All Rights Reserved.
                            <br> Bootstrap 3.0 All Rights Reserved.
                            <br> SweetAlert 2.0 All Rights Reserved.
                            <br> Datatables All Rights Reserved.
                            <br>
                            <br>This application was built by some web developers from UPN "Veteran" Yogyakarta on http://www.gamatechno.com/, which consisting of :
                            <br>1). Judanti Cahyaning Tyas (123170014)
                            <br>2). Fhrezha Zeaneth (123170044)
                            <br>3). Arif Suryanto (123170061)
                            <br>4). Dzaky Muhammad Iqbal (123170085) </p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

Listing Program 4.41 View about activity_sv

```

        </div>
        <p></p>
    </div>
</div>
</div>
</div>
</div>

<script src="src="<?=base\_url\('assets/'\) ?>js/core/jquery.min.js"></script>
<script src="src="<?php echo base\\_url\\(\\) . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
<script src="src="<?php echo base\\\_url\\\(\\\) . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>
```

Listing Program 4.42 Lanjutan View about activity_sv

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">Activity SPV</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <!-- Modal -->
                        <div class="table-responsive">
                            <table id="multi-filter-select" class="display table table-striped table-hover" cellspacing="0" width="100%">
                                <thead>
```

Listing Program 4.43 View activity_sv

```

<tr>
    <!-- <th>No</th> -->
    <th>AM Name</th>
    <th>Date</th>
    <th>Customer Name</th>
    <th>Activity</th>
    <th>Type</th>
    <th>Stage</th>
    <th>Action</th>
</tr>
</thead>
<tfoot>
<tr>
    <th>AM Name</th>
    <th>Date</th>
    <th>Activity</th>
    <th>Customer Name</th>
    <th>Type</th>
    <th>Stage</th>
</tr>
</tfoot>
<tbody>
    <?php
        $time = 0;
        $bil = 0;
        foreach ($activities as $act) { ?>
            <tr>
                <td><?=
$act->nama_am; ?></td>
                <td>
                    <?php if ($act->time ==
"0000-00-00") {

```

Listing Program 4.44 Lanjutan View activity_sv

```

        echo "Not Set Yet";

    } else {
        echo date("d-F-Y",
strtotime($act->time));
    } ?>
</td>
<td><?=
$act->nama_customer; ?></td>
<td><?=
$act->name_activity; ?></td>
<td><?=
$act->type; ?></td>
<td><?=
$act->stage; ?></td>
<td class="text-white">
<a class="btn btn-xs
btn-info text-white" data-toggle="modal" data-target="#editActivity"
id="buttonEditAct" data-time="<?= date("d-F-Y",
strtotime($act->time)); ?>" data-idact="<?= $act->id_activity ?>"
data-nama="<?= $act->name_activity ?>" data-type="<?=
$act->id_type ?>" data-customer="<?= $act->nama_customer ?>" data-
idcust="<?= $act->id_customer ?>" data-idstage="<?=
$act->id_stage ?>" data-noted="<?= $act->note ?> ">
<i data-
toggle="tooltip" title="Detail Data" class="fas fa-eye"></i></a>
</td>
</tr>
<?php } ?>

</tbody>
</table>
</div>
<div class="modal fade" id="editActivity"
tabindex="-1" role="dialog" aria-hidden="true">
<div class="modal-dialog modal-lg"
role="document">
<div class="modal-content bg-modal">
<div class="modal-header bg-head-
modal no-bd">
<h5 class="modal-title">

```

Listing Program 4.45 Lanjutan View activity_sv

```

<span class="fw-mediumbold">
    Activity Detail</span>
</h5>

<button type="button"
class="close" data-dismiss="modal" aria-label="Close">
    <span aria-
hidden="true">&times;</span>
</button>
</div>

<div class="modal-body bg-body-
modal">
    <form action="<?=
base_url('') ?>" method="post">
        <div class="row">
            <div class="col-6">
                <div class="form-
group">
                    <label>Name
Activity</label>
                    <input
name="EditNameAct" id="EditNameAct" type="text" class="form-control"
required>
                </div>
                <div class="form-
group ui-front">
                    <label>Customer</label>
                    <input
id="EditNameCust" name="EditNameCust" type="text" class="form-
control" placeholder="Fill Customer" required>
                </div>
                <div class="form-
group">
                    <label>Type</label>
                    <select
id="EditType" name="EditType" class="form-control" required>
                        <option value="1">Call</option>
                        <option value="2">Administration</option>
                    </select>
                </div>
            </div>
        </div>
    </form>
</div>

```

Listing Program 4.46 Lanjutan View activity_sv

```

        <option
value="3">Email/Fax</option>
        <option
value="4">Customer Meeting</option>
        <option
value="5">Visitation</option>
        <option
value="6">Product Presentation</option>
    </select>
</div>
</div>
<div class="col-6">
<div class="form-group">
    <label>Stage</label>
    <select
id="EditStage" name="EditStage" class="form-control" required>
        <option
value="1">Open Prospect</option>
        <option
value="2">Prospecting Progress </option>
        <option
value="3">Closing Deal</option>
        <option
value="4">Fail</option>
        <option
value="5">Project Progress</option>
    </select>
</div>
<div class="form-group">
    <label>Date</label>
    <input
name="EditTime" id="EditTime" type="" class="form-control" required>
</div>
<div class="form-group">
    <label>Noted</label>

```

Listing Program 4.47 Lanjutan View activity_sv

```

                    <textarea
name="EditNote"         id="EditNote"         value=""        class="form-
control"></textarea>
                    </div>
                    </div>
                    </div>
                    </div>
                    <div    class="modal-footer"    bg-
footer-modal no-bd">
                    <button      type="button"
class="btn btn-danger" data-dismiss="modal">Close</button>
                    </div>
                    </form>
                    </div>
                    <script      src="=
base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script  src="<?php echo base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script  src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script&gt;
$(document).on('click', '#buttonEditAct', function() {
</pre

```

 var EditIdAct = $(this).data('idact');
 var EditNameAct = $(this).data('nama');
 var EditType = $(this).data('type');
 var EditNameCust = $(this).data('customer');
 var EditIdCust = $(this).data('idcust');

```


```

Listing Program 4.48 Lanjutan View activity_sv

```

var EditStage = $(this).data('idstage');

var EditNote = $(this).data('noted');

var EditTime = $(this).data('time');

$("#EditIdAct").val(EditIdAct);

$("#EditNameAct").val(EditNameAct);

$("#EditType").val(EditType);

$("#EditNameCust").val(EditNameCust);

$("#EditIdCust").val(EditIdCust);

$("#EditStage").val(EditStage);

$("#EditNote").val(EditNote);

$("#EditTime").val(EditTime);

});

</script>

<script>

$(document).ready(function() {

    $('#multi-filter-select').DataTable({
        "pageLength": 5,
        initComplete: function() {
            this.api().columns().every(function() {
                var column = this;
                var select = $('<select> class="form-control"><option value=""></option></select>')
                    .appendTo($(column.footer()).empty())
                    .on('change', function() {
                        var val = $.fn.dataTable.util.escapeRegex(
                            $(this).val()
                        );
                        column
                            .search(val ? '^' + val + '$' : '', true, false)
                            .draw();
                    });
                column.data().unique().sort().each(function(d, j) {
                    select.append('<option value="' + d + '">' + d + '</option>');
                });
            }));
        }
    });
});
</script>

```

Listing Program 4.49 Lanjutan View activity_sv

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">AM Data</h4>
                            <button class="btn btn-warning btn-round ml-auto" data-toggle="modal" data-target="#addAM">
                                <i class="fa fa-plus"></i>
                                Add AM
                            </button>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <!-- Modal Add-->
                        <div class="modal fade" id="addAM" tabindex="-1" role="dialog" aria-hidden="true">
                            <div class="modal-dialog" role="document">
                                <div class="modal-content bg-modal">
                                    <div class="modal-header bg-head-modal no-bd">
                                        <h5 class="modal-title">
                                            <span class="fw-mediumbold">
                                                Add AM</span>
                                        </h5>
                                        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                                            <span aria-hidden="true">&times;</span>
                                        </button>
                                    </div>
                                    <div class="modal-body bg-body-modal">

```

Listing Program 4.50 View am

```

<form action="<% base_url('/activity_sv/addAm') %>" method="post">
    <div class="form-group">
        <label>AM Code</label>
        <input name="code_am" id="code_am" type="text" class="form-control" placeholder="Fill AM Code">
    </div>
    <div class="form-group">
        <label>AM Name</label>
        <input name="am_name" id="am_name" type="text" class="form-control" placeholder="Fill AM Name">
    </div>
    <div class="form-group">
        <label>Password</label>
        <input name="password" id="password" type="password" class="form-control" placeholder="Fill Password">
    </div>
    </div>
    <div class="modal-footer bg-footer-modal no-bd">
        <input type="submit" class="btn btn-primary" value="Add">
        <button type="button" class="btn btn-danger" data-dismiss="modal">Close</button>
    </div>
    </form>
</div>
</div>

<div class="table-responsive">
    <table id="multi-filter-select" class="display table table-striped table-hover" cellspacing="0" width="100%">
        <thead>

```

Listing Program 4.51 Lanjutan View am

```

<tr>
    <!-- <th>No</th> -->
    <th>AM Code</th>
    <th>AM Name</th>
    <th>Action</th>

</tr>
</thead>
<tbody>
<?php
foreach ($am as $ams) { ?>
    <tr>
        <!-- <td>?=$bil;?></td> -->
        <td><?= $ams->kode_am; ?></td>
        <td><?= $ams->nama_am; ?></td>
        <td>
            <a class="btn btn-xs btn-warning text-white" data-id="<?= $ams->id_am ?>" data-kode="<?= $ams->kode_am ?>" data-nama="<?= $ams->nama_am ?>" data-password="<?= $ams->password ?>" data-toggle="modal" data-target="#editAM" id="buttonEditAM"> <i data-toggle="tooltip" title="Edit Data" class="fas fa-pen-square"></i></a>
            <a class="btn btn-danger" href="<?= base_url('activity_sv/am?id=' . $ams->id_am); ?>"> <i data-toggle="tooltip" title="Delete Data" class="fas fa-trash"></i></a></td>
        </td>
    </tr>
    <?php } ?>

</tbody>
</table>
</div>
<div class="modal fade" id="editAM" tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content bg-modal">

```

Listing Program 4.52 Lanjutan View am

```

<div class="modal-header bg-head-modal no-bd">

    <h5 class="modal-title">
        <span class="fw-mediumbold">
            Edit AM</span>
    </h5>

    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
        <span aria-hidden="true">&times;</span>
    </button>
</div>

<div class="modal-body bg-body-modal">

    <form action=<?= base_url('/activity_sv/updateAM') ?>" method="post">

        <div class="form-group">
            <label>AM Code</label>
            <input name="EditKode" id="EditKode" type="text" class="form-control" placeholder="Fill AM Code">
            <input name="EditId" id="EditId" type="hidden" class="form-control" placeholder="Fill AM Code">
        </div>

        <div class="form-group">
            <label>AM Name</label>
            <input name="EditNama" id="EditNama" type="text" class="form-control" placeholder="Fill AM Name">
        </div>

        <div class="form-group">
            <label>Password</label>
            <input type="password" class="form-control" id="EditPassword" name="EditPassword">
            <span toggle="#EditPassword" class="fa fa-fw fa-eye field-icon toggle-password"></span>
        </div>
    </form>
</div>

```

Listing Program 4.53 Lanjutan View am

```

        </div>

        <div class="modal-footer bg-footer-
modal no-bd">
            <input type="submit" class="btn
btn-primary" value="Edit">
            <button type="button" class="btn
btn-warning" data-dismiss="modal">Back</button>
        </div>
    </form></div>
</div></div></div></div></div>
</div></div> </div></div>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.
js"></script>

<script>
$(document).on('click', '#buttonEditAM', function() {
    var EditId = $(this).data('id');
    var EditKode = $(this).data('kode');
    var EditNama = $(this).data('nama');
    var EditPassword = $(this).data('password');
    $("#EditId").val(EditId);
    $("#EditKode").val(EditKode);
    $("#EditNama").val(EditNama);
    $("#EditPassword").val(EditPassword);
});
$(".toggle-password").click(function() {
    $(this).toggleClass("fa-eye fa-eye-slash");
    var input = $($this).attr("toggle"));
    if (input.attr("type") == "password") {
        input.attr("type", "text");
    } else {
        input.attr("type", "password");
    }
});
</script>

```

Listing Program 4.54 Lanjutan *View am*

```

<!-- Bar Chart -->

<div class="main-panel bg-panel addmargin">
    <div class="page-inner">
        <div class="row justify-content-md-center">

            <div class="col col-lg-1"></div>
            <div class="col col-lg-9">
                <div class="card shadow bg-tabel mb-4 marginChart
ratios ">
                    <div class="card-header py-3 ">

                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color:
white">Customer Engagement</h4>

                        </div>

                    </div>
                    <div class="card-body bg-body-tabel ">
                        <!-- Modal -->
                        <div class="row">
                            <div class="col-8"></div>
                            <div class="col col-3 justify-content-
end">
                                <select id="amcustomer" class="form-
control ">
                                    <option value="0" selected>All</option>
                                    <?php foreach ($am as $am) { ?>
                                        <option value="<?=
$am->id_am ?>"><?= $am->nama_am ?></option>
                                    <?php } ?></select>
                            </div>
                        </div>
                        <div class="row">
                            <div class="col-12 myBar">

```

Listing Program 4.55 View customer

```

                    <canvas id="myBarChart"
height=170px></canvas>

                </div>
            </div>
        </div>
    </div>
</div>

<link rel="stylesheet" href="<?php echo base_url() . 'assets/css/jquery-ui.css' ?>">

<script src="<?=base_url('assets/') ?>js/core/jquery.3.2.1.min.js"></script>

<script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>

<!-- Page level plugins --&gt;

&lt;script src="&lt;?=base_url('assets') ?&gt;/js/plugin/chart.js/chart.min.js"&gt;&lt;/script&gt;

<!-- Page level custom scripts --&gt;

&lt;script&gt;

$(document).ready(function() {

    if ($("#amcustomer option:selected").val() == 0) {

        var myBarChart = document.getElementById('myBarChart').getContext('2d');

        var myBarChart = new Chart(myBarChart, {
            type: 'horizontalBar',
            data: {
                labels: &lt;?php
                    echo "[";

                    foreach ($customers as $c) {
                        echo "" . $c-&gt;nama_customer . ",";
                    }
                }
            }
        });

        myBarChart.data.labels = ["<b>Jumlah Pelanggan"];
        myBarChart.data.datasets = [
            {
                label: "Pelanggan",
                data: [
                    {category: "Customer", value: 100}
                ]
            }
        ];
        myBarChart.update();
    }
});

```

Listing Program 4.56 Lanjutan View customer

```

        echo "]";
    ?>,
datasets: [{  

    label: "Customers",  

    backgroundColor: 'rgb(23, 125, 255)',  

    borderColor: 'rgb(23, 125, 255)',  

    data: <?php  

        echo "[";  

        foreach ($customers as $c) {  

            echo "'" . $c->n . "',";  

        }  

        echo "]";  

    ?>  

},  

options: {  

    responsive: true,  

    maintainAspectRatio: true,  

    legend: {  

        display: true,  

        position: 'right',  

        labels: {  

            fontColor: '#000'  

        }  

},  

    scales: {  

        xAxes: [{  

            ticks: {  

                min: 0,  

                callback: function(value) {  

                    if (value % 1 === 0) {  

                        return value;

```

Listing Program 4.57 Lanjutan View customer

```

        }
    }
}
},
layout: {
    padding: {
        left: 10,
        right: 25,
        top: 10,
        bottom: 0
    }
},
tooltips: {
    enabled: true
}
}
}),
});
$( '#amcustomer' ).change(function() {
    $('.myBar').empty();
    $('.myBar').append('<canvas id="myBarChart" height=170px></canvas>');
}

var idam = $("#amcustomer option:selected").val();
if (idam == 0) {
    idam = "activity.id_am"
}
var dataNama = [];
var dataJumlah = [];
var settings = {
    "url": "getCust/" + idam,
    "method": "GET",
}

```

Listing Program 4.58 Lanjutan View customer

```

    "timeout": 0,
};

$.ajax(settings).done(function(response) {
    var obj = JSON.parse(response);
    $.each(obj, function(i, c) {
        dataNama.push(c.nama_customer);
        dataJumlah.push(parseInt(c.n))
    });
    console.log(dataNama);
    console.log(dataJumlah);
}).done(function() {
    var myBarChart
    document.getElementById('myBarChart').getContext('2d');
    myBarChart = new Chart(myBarChart, {
        type: 'horizontalBar',
        data: {
            labels: dataNama,
            datasets: [{

                label: "Customers",
                backgroundColor: 'rgb(23, 125, 255)',
                borderColor: 'rgb(23, 125, 255)',
                data: dataJumlah
            }],
        },
        options: {
            responsive: true,
            maintainAspectRatio: true,
            legend: {
                display: true,
                position: 'right',
                labels: {
                    fontColor: '#000'
                }
            },
        },
    });
}
,
```

Listing Program 4.59 Lanjutan View customer

```

        scales: {
            xAxes: [ {
                ticks: {
                    min: 0,
                    callback: function(value) {
                        if (value % 1 === 0) {
                            return value;
                        }
                    }
                }
            } ,
            layout: {
                padding: {
                    left: 10,
                    right: 25,
                    top: 10,
                    bottom: 0
                }
            },
            tooltips: {
                enabled: true
            }
        }
    });
}
);
</script>

```

Listing Program 4.60 Lanjutan *View customer*

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">

```

Listing Program 4.61 *View datacustomer*

```

<div class="col-md-12">
    <div class="card bg-tabel">
        <div class="card-header">
            <div class="d-flex align-items-center">
                <h4 class="card-title" style="color: white">Customer Data</h4>
            </div>
        </div>

        <div class="card-body bg-body-tabel">
            <div class="table-responsive">
                <table id="multi-filter-select" class="display table table-striped table-hover" cellspacing="0" width="100%">
                    <thead>
                        <tr>
                            <th>AM Name</th>
                            <th>>Nama Customer</th>
                            <th>Segment</th>
                            <th>Email</th>
                            <th>Action</th>
                        </tr>
                    </thead>
                    <tfoot>
                        <tr>
                            <th>AM Name</th>
                            <th>>Nama Customer</th>
                            <th></th>
                            <th></th>
                            <th></th>
                        </tr>
                    </tfoot>
                    <tbody>
                        <?php
                            foreach ($customer as $dataCust) {

```

Listing Program 4.62 Lanjutan View datacustomer

```

?>

<tr>
    <td><?=

$dataCust->nama_am; ?></td>

    <td><?=

$dataCust->nama_customer; ?></td>

    <td>

        <?php if ($dataCust->segment
== 'Goverment') { ?>

            <center>

                <a class="badge
badge-warning text-white"> Goverment </a>

            </center>

        <?php } elseif
($dataCust->segment == 'Corporate') { ?>

            <center>

                <a class="badge
badge-success text-white"> Corporate </a>

            </center>

        <?php } elseif
($dataCust->segment == 'BUMN') { ?>

            <center>

                <a class="badge
badge-dark text-white"> BUMN </a>

            </center>

        <?php } else { ?>

            <center>

                <a class="badge
badge-primary text-white"> Academy </a>

            </center>

        <?php } ?>

    </td>

    <td><?=

$dataCust->email; ?></td>

        <?php if ($dataCust->id_am ==
$this->session->userdata('id_am')) {

            ?>

```

Listing Program 4.63 Lanjutan View datacustomer

```

        <?php } else {

    ?>

    <td>

        <a class="btn btn-xs btn-
warning    text-white"    id="ButtonIdCust"    data-idcustomer="<?=
$dataCust->id_customer;      ?>"    data-toggle="modal"    data-
target="#editCustomer<?=    $dataCust->id_customer;      ?>"><i    data-
toggle="tooltip"    title="Detail    Data"    class="fas    fa-pen-
square"></i></a>

    </td>

    <?php }; ?>

    </tr>

    <?php     } ?>




    </tbody>
    </table>
    </div>
    </div>
    <!-- Modal Edit-->
    <?php
    foreach ($customer as $dataCust) {
        $idAm = $dataCust->id_am;
        $nama_am = $dataCust->nama_am;
        $idCust = $dataCust->id_customer;
        $namaCust = $dataCust->nama_customer;
        $segment = $dataCust->segment;
        $email = $dataCust->email;
        $contact = $dataCust->contact;
    ?>
        <div    class="modal    fade"    id="editCustomer<?=
$idCust; ?>"    tabindex="-1"    role="dialog"    aria-hidden="true">
            <div    class="modal-dialog    modal-lg"    "    role="document">
                <div    class="modal-content bg-modal">
                    <div    class="modal-header bg-head-modal
no-bd">

```

Listing Program 4.64 Lanjutan View datacustomer

```

<h5 class="modal-title">
    <span class="fw-mediumbold">
        Customer Detail</span>
    </h5>
    <button type="button" aria-hidden="true">&times;</span>
    </button>
</div>
<div class="modal-body bg-body-modal">
    <form action="php base_url('activity_sv/editCustomer') ?" method="post">
        <div class="row">
            <div class="col-6">
                <div class="form-group">
                    <label>ID AM</label>
                    <select class="form-control" name="amCust" id="amCust" required>
                        <?php foreach ($ams as $ams) { ?>
                            <option <?php if ($idAm == $ams->id_am) { ?> selected <?php } ?> value="php echo $ams-&gt;id_am ?&gt;"&gt;&lt;?= $ams-&gt;nama_am ?&gt;&lt;/option&gt;
                        &lt;?php } ?&gt;
                    &lt;/select&gt;
                &lt;/div&gt;
                &lt;div class="form-group"&gt;
                    &lt;label&gt;Name Customer&lt;/label&gt;
                    &lt;input name="EditIdCust" id="EditIdCust" type="hidden" class="form-control" value="<?php echo $idCust; ?&gt;"&gt;
                    &lt;input name="EditNameCust" id="EditNameCust" type="text" class="form-control" value="<?php echo $namaCust; ?&gt;"&gt;
                &lt;/div&gt;
            &lt;div class="form-group"&gt;
</pre

```

Listing Program 4.65 Lanjutan View datacustomer

```

<label>Segment</label>

    <select class="form-control" name="SegmentCust" id="SegmentCust" require="">
        <option value="Goverment" <?php if ($segment == "Goverment") {
            echo "selected=\\"selected\\"";
        } ?>>Goverment</option>
        <option value="Corporate" <?php if ($segment == "Corporate") {
            echo "selected=\\"selected\\"";
        } ?>>Corporate</option>
        <option value="BUMN" <?php if ($segment == "BUMN") {
            echo "selected=\\"selected\\"";
        } ?>>BUMN</option>
        <option value="Academy" <?php if ($segment == "Academy") {
            echo "selected=\\"selected\\"";
        } ?>>Academy</option>
    </select>
</div>
</div>
<div class="col-6">
    <div class="form-group">
        <label>E-mail</label>
        <input name="Email" id="Email" class="form-control" value="<?= $email ?>">
    <div class="form-group">
        <label>Telephone</label>
        <input name="Contact" id="Contact" class="form-control" value="<?= $contact ?>">
    
```

Listing Program 4.66 Lanjutan View datacustomer

```

        </div>

        <div class="form-group">
            <label>PIC</label>
            <table      class="" id="dynamic_fields<?= $dataCust->id_customer ?>">
                <?php $i = 0;
                foreach ($pic as $dataPic) {
                    if
                    ($dataPic->id_customer == $dataCust->id_customer && $dataCust->id_am =
                     $this->session->userdata('id_am')) {
                        if ($i == 0) {
                            $i++;
                        }
                    }
                }
            <tr id="<?= $dataCust->id_customer ?>rows">
                <td><input value="<?= $dataPic->nama_pic ?>" type="text" name="namaPIC[]" placeholder="Nama PIC" class="form-control name_list" /></td>
                <td><input value="<?= $dataPic->email ?>" type="text" name="emailPIC[]" placeholder="Email" class="form-control name_list" /></td>
                <td><input value="<?= $dataPic->telp ?>" type="text" name="telpPIC[]" placeholder="No. Telp" class="form-control name_list" /></td>
                <td><button type="button" name="adds<?= $dataCust->id_customer ?>" id="adds<?= $dataCust->id_customer ?>" onclick="reply_clickA(this.id, this.value)" value="<?= $dataCust->id_customer ?>" class="btn btn-primary"><i class="fa fa-plus"></i></button></td>
            </tr>
            <?php
        } else {
            $i++;
        }
    <tr id="<?= $dataCust->id_customer ?>rows<?= $i ?>" class="dynamic-added">

```

Listing Program 4.67 Lanjutan View datacustomer

```

<td><input value="" <?= $dataPic->nama_pic ?>" type="text"
name="namaPIC[]" placeholder="Nama PIC" class="form-control
name_list" /> </td>

<td><input value=<?= $dataPic->email ?>" type="text"
name="emailPIC[]" placeholder="Email" class="form-control name_list"
/></td>

<td><input value=<?= $dataPic->telp ?>" type="text" name="telpPIC[]"
placeholder="No. Telp" class="form-control name_list" /></td>

<td><button type="button" name="remove" id=<?= $i ?>" class="btn
btn-danger btn_removedA"><i class="fa fa-times" aria-
hidden="true"></i></button></td>

</tr>
<?php }

} else if
(!$dataPic->id && $dataPic->id_customer == $dataCust->id_customer &&
$dataCust->id_am == $this->session->userdata('id_am')) {

if ($i ==
0) {
    $i++; ?>
<tr
id=<?= $dataCust->id_customer ?>rows">

<td><input value="" type="text" name="namaPIC[]" placeholder="Nama
PIC" class="form-control name_list" /></td>

<td><input value="" type="text" name="emailPIC[]"
placeholder="Email" class="form-control name_list" /></td>

<td><input value="" type="text" name="telpPIC[]"
placeholder="No.
Telp" class="form-control name_list" /></td>

<td><button type="button" name="adds<?= $dataCust->id_customer ?>" id="adds<?= $dataCust->id_customer ?>" onclick="reply_clickA(this.id,this.value)" value=<?=
$dataCust->id_customer ?>" class="btn btn-primary"><i class="fa fa-
plus"></i></button></td>

</tr>
<?php
}

```

Listing Program 4.68 Lanjutan View datacustomer

```

}      else      if
($dataPic->id_customer      ==      $dataCust->id_customer      &&
$dataCust->id_am != $this->session->userdata('id_am')) { ?>

|
|  |

```

Listing Program 4.69 Lanjutan View *datacustomer*

```

<?php } ?>

        </div>
    </div>
</div>
</div>

<link rel="stylesheet" href="<?php echo base_url() . 'assets/css/jquery-ui.css' ?>">

<script src="<?=base_url('assets/') ?>js/core/jquery.min.js"></script>
<script src="<?=base_url('/assets/js/plugin/datatables/datatables.min.js') ?>"></script>

<script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
<script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>

<script type="text/javascript">
    let i = <?= $i ?>;
    let idcustomer = 0;
    let clickid;
    $(document).on('click', '#ButtonIdCust', function() {
        idcustomer = $(this).data('idcustomer');
        console.log("customer" + idcustomer);
    });
    $(document).on('click', '.btn_removedA', function() {
        var button_id = $(this).attr("id");
        console.log("customer" + idcustomer);
        console.log("id" + button_id);
        $('#' + idcustomer + 'rows' + button_id).remove();
    });
</script>

```

Listing Program 4.70 Lanjutan View *datacustomer*

```

function reply_clickA(clicked_id, customer) {
    console.log(customer);
    clickid = clicked_id,
    idcustomer = customer;

    i++;

    $('#dynamic_fields' + idcustomer).append('<tr id="' + idcustomer + 'rows' + i + '" class="dynamic-addeds"> <td><input type="text" name="namaPIC[]" placeholder="Nama PIC" class="form-control name_list" required="" /></td><td><input type="text" name="emailPIC[]" placeholder="Email" class="form-control name_list" required="" /></td><td><input type="text" name="telpPIC[]" placeholder="No. Telp" class="form-control name_list" required="" /></td><td><button type="button" name="remove" id="' + i + '" class="btn btn-danger btn_removedA"><i class="fa fa-times" aria-hidden="true"></i></button></td></tr>');
}

function reply_clickB(clicked_id) {
    console.log(clicked_id);
    clickid = clicked_id,
    i++;

    $('#dynamic_field').append('<tr id="' + clickid + 'row' + i + '" class="dynamic-addeds"> <td><input type="text" name="namaPIC[]" placeholder="Nama PIC" class="form-control name_list" required="" /></td><td><input type="text" name="emailPIC[]" placeholder="Email" class="form-control name_list" required="" /></td><td><input type="text" name="telpPIC[]" placeholder="No. Telp" class="form-control name_list" required="" /></td><td><button type="button" name="remove" id="' + i + '" class="btn btn-danger btn_removedB"><i class="fa fa-times" aria-hidden="true"></i></button></td></tr>');
}

$(document).on('click', '.btn_removedB', function() {
    var button_id = $(this).attr("id");
    $('#addr' + button_id).remove();
});

</script>

```

Listing Program 4.71 Lanjutan View datacustomer

```

<script>

$(document).ready(function() {
    $('#multi-filter-select').DataTable({
        order: [
            [3, 'asc']
        ],
        "pageLength": 5,
        initComplete: function() {
            this.api().columns().every(function() {
                var column = this;
                var select = $('<select class="form-control"><option value=""></option></select>')
                    .appendTo($(column.footer()).empty())
                    .on('change', function() {
                        var val = $.fn.dataTable.util.escapeRegex(
                            $(this).val()
                        );
                        column
                            .search(val ? '^' + val + '$' : '', true,
false)
                            .draw();
                    });
                column.data().unique().sort().each(function(d, j) {
                    select.append('<option value="' + d + '">' + d +
'</option>')
                });
            });
        },
    });
}

</script>

```

Listing Program 4.72 Lanjutan View datacustomer

```

<----- Include the above in your HEAD tag ----->

<style>

.dataTables_wrapper .dataTables_filter {
    float: right;
    text-align: right;
    visibility: hidden;
}

.dataTables_wrapper {
    margin-top: -3%;
}

</style>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.1.0/css/all.css" integrity="sha384-1KuwvrZot6UHsBSfcMvOkWwlCMgc0TaWr+30HWe3a4ltaBwTZhyTEggF5tJv8tbt" crossorigin="anonymous">

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="row justify-content-center logmargin">
                            <div class="col-12 col-md-10 col-lg-8">
                                <form class="card card-sm">
                                    <div class="card-body bg-body-tabel row no-gutters align-items-center">
                                        <div class="col-auto">
                                            <i class="h4 text-body"></i>
                                        </div>
                                        <!--end of col-->
                                        <div class="col">
                                            <input class="form-control form-control-lg form-control-borderless" id="customSearchBox" type="search" placeholder="Search activity or keywords"></div>

```

Listing Program 4.73 View log

```

        <!--end of col-->
        <div class="col-auto">
            <i class="fas fa-search fa-3x"></i>
        </div>
        <!--end of col-->
    </div>
</form>
</div>
</div>
</div>
<div class="card-body bg-body-tabel">
    <div class="table-responsive">
        <table id="multi-filter-select" class="display table table-striped table-hover" cellspacing="0" width="100%">
            <thead>
                <tr>
                    <th>AM Name</th>
                    <th>Customer Name</th>
                    <th>Activity</th>
                    <th>Date</th>
                    <th>Noted</th>
                    <th>Tiers</th>
                </tr>
            </thead>
            <tfoot>
                <tr>
                    <th>AM Name</th>
                    <th>Customer Name</th>
                    <th>Activity</th>
                    <th>Date</th>
                </tr>
            </tfoot>
        </table>
    </div>
</div>

```

Listing Program 4.74 Lanjutan View log

```

        </tfoot>
    <tbody>
        <?php
        foreach ($plans as $plan) {
        ?>
        <tr>
            <td><?= $plan->nama_am; ?></td>
            <td><?=
$plan->nama_customer; ?></td>
            <td><?=
$plan->name_activity; ?></td>
            <td>
                <?php if ($plan->time == "0000-00-00") {
                    echo "Not Set Yet";
                } else {
                    echo date("d-F-Y",
strto time($plan->time));
                } ?>
            </td>
            <td><?= $plan->note; ?></td>
            <td>
                <?php
                if ($plan->done == 0) {
                ?>
                    <badge class="badge
badge-warning">Plan</badge>
                <?php
                } else {
                ?>
                    <badge class="badge
badge-success">Done</badge>
                <?php }
                ?>
            </td>
        </tr>
    
```

Listing Program 4.75 Lanjutan *View log*

```

<?php } ?>

        </tbody>
    </table>
</div>
<!--end of col-->
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<link rel="stylesheet" href="<?php echo base_url() . 'assets/css/jquery-ui.css' ?>">
<script src="<?php echo base_url('assets/') ?>js/core/jquery.min.js"></script>
<script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>

<script>
$(document).ready(function() {

    var users = $('#multi-filter-select').DataTable({
        "columns": [
            {
                "width": "10%"
            },
            {
                "width": "15%"
            },
            {
                "width": "25%"
            },
            {
                "width": "20%",


```

Listing Program 4.76 Lanjutan *View log*

```

        },
        {
            "width": "35%",
        },
        {
            "width": "10%"
        }
    ],
    "bLengthChange": false,
    "info": true,
    "pageLength": 20,
    initComplete: function() {
        this.api().columns().every(function() {
            var column = this;
            var select = $('<select class="form-control"><option value=""></option></select>');
            select.appendTo($(column.footer()).empty())
            .on('change', function() {
                var val = $.fn.dataTable.util.escapeRegex(
                    $(this).val()
                );
                column
                    .search(val ? '^' + val + '$' : '', true,
false)
                    .draw();
            });
        });
    },
    column.data().unique().sort().each(function(d, j) {
        select.append('<option value="' + d + '">' + d +
'</option>');
    });
});
$( '#customSearchBox' ).keyup(function() {
    users.search($(this).val()).draw();
})
);
</script>

```

Listing Program 4.77 Lanjutan [View log](#)

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4      class="card-title"      style="color:
white">Plan SPV</h4>

                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <!-- Modal -->
                        <div class="table-responsive">
                            <table          id="multi-filter-select"
class="display   table   table-striped   table-hover"   cellspacing="0"
width="100%">
                                <thead>
                                    <tr>
                                        <!-- <th>No</th> -->
                                        <th>AM Name</th>
                                        <th>Date</th>
                                        <th>Customer Name</th>
                                        <th>Activity</th>
                                        <th>Type</th>
                                        <th>Stage</th>
                                        <th>Action</th>
                                    </tr>
                                </thead>
                                <tfoot>
                                    <tr>
                                        <th>AM Name</th>
                                        <th>Date</th>

```

Listing Program 4.78 View plan

```

        <th>Activity</th>
        <th>Customer Name</th>
        <th>Type</th>
        <th>Stage</th>
    </tr>
</tfoot>
<tbody>
<?php
$time = 0;
$bil = 0;
foreach ($plans as $plan) { ?>
    <tr>
        <td><?= $plan->nama_am; ?></td>
        <td>
            <?php if ($plan->time == "0000-00-00") {
                echo "Not Set Yet";
            } else {
                echo date("d-F-Y",
strtotime($plan->time));
            } ?>
        </td>
        <td><?= $plan->nama_customer; ?></td>
        <td><?= $plan->name_activity; ?></td>
        <td><?= $plan->type; ?></td>
        <td><?= $plan->stage; ?></td>
        <td class="text-white">
<a id="buttonEditAct"></a>
        </td>
    </tr>
}

```

Listing Program 4.79 Lanjutan View plan

```

                <i data-
toggle="tooltip" title="Detail Data" class="fas fa-eye"></i></a>
            </td>
        </tr>
<?php } ?>

        </tbody>
    </table>
</div>
<div class="modal fade" id="editPlan"
tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg"
role="document">
        <div class="modal-content bg-modal">
            <div class="modal-header bg-head-
modal no-bd">
                <h5 class="modal-title">
                    <span class="fw-
mediumbold">
                        Plan Detail</span>
                </h5>
                <button type="button"
class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-
hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body bg-body-
modal">
                <form action="<?=
base_url('') ?>" method="post">
                    <div class="row">
                        <div class="col-6">
                            <div class="form-
group">
                                <label>Name
Activity</label>

```

Listing Program 4.80 Lanjutan View plan

```

<input
name="EditNameAct" id="EditNameAct" type="text" class="form-control"
required>
</div>
<div class="form-group ui-front">

<label>Customer</label>
<input
id="EditNameCust" name="EditNameCust" type="text" class="form-control"
placeholder="Fill Customer" required>
</div>
<div class="form-group">

<label>Type</label>
<select
id="EditType" name="EditType" class="form-control" required>
<option
value="1">Call</option>
<option
value="2">Administration</option>
<option
value="3">Email/Fax</option>
<option
value="4">Customer Meeting</option>
<option
value="5">Visitation</option>
<option
value="6">Product Presentation</option>
</select>
</div>
</div>
<div class="col-6">

<div class="form-group">
<label>Stage</label>
<select id="EditStage" name="EditStage" class="form-control"
required>
<option value="1">Open Prospect</option>

```

Listing Program 4.81 Lanjutan View plan

```

        <option
value="2">Prospecting Progress </option>
        <option
value="3">Closing Deal</option>
        <option
value="4">Fail</option>
        <option
value="5">Project Progress</option>
    </select>
</div>
<div class="form-group">

    <label>Date</label>
    <input
name="EditTime" id="EditTime" type="" class="form-control" required>
    </div>
<div class="form-group">

    <label>Noted</label>
    <textarea
name="EditNote" id="EditNote" value="" class="form-control"></textarea>
    </div>
    </div>
    </div>
<div class="modal-footer bg-footer-modal no-bd">
    <button type="button"
class="btn btn-danger" data-dismiss="modal">Close</button>
    </div>
    </form>
</div>
</div>
</div>
</div></div>

```

Listing Program 4.82 Lanjutan *View plan*

```

        </div>
    </div>
</div>

<script src="src="<?=base\_url\('assets/'\) ?>js/core/jquery.min.js"></script>
<script src="src="<?php echo base\\_url\\(\\) . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
<script src="src="<?php echo base\\\_url\\\(\\\) . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>

<script>
\\\$\\\(document\\\).on\\\('click', '#buttonEditAct', function\\\(\\\) {

    var EditIdAct = \\\$\\\(this\\\).data\\\('idact'\\\);
    var EditNameAct = \\\$\\\(this\\\).data\\\('nama'\\\);
    var EditType = \\\$\\\(this\\\).data\\\('type'\\\);
    var EditNameCust = \\\$\\\(this\\\).data\\\('customer'\\\);
    var EditIdCust = \\\$\\\(this\\\).data\\\('idcust'\\\);
    var EditStage = \\\$\\\(this\\\).data\\\('idstage'\\\);
    var EditNote = \\\$\\\(this\\\).data\\\('noted'\\\);
    var EditTime = \\\$\\\(this\\\).data\\\('time'\\\);

    \\\$\\\('#EditIdAct'\\\).val\\\(EditIdAct\\\);
    \\\$\\\('#EditNameAct'\\\).val\\\(EditNameAct\\\);
    \\\$\\\('#EditType'\\\).val\\\(EditType\\\);
    \\\$\\\('#EditNameCust'\\\).val\\\(EditNameCust\\\);
    \\\$\\\('#EditIdCust'\\\).val\\\(EditIdCust\\\);
    \\\$\\\('#EditStage'\\\).val\\\(EditStage\\\);
    \\\$\\\('#EditNote'\\\).val\\\(EditNote\\\);
    \\\$\\\('#EditTime'\\\).val\\\(EditTime\\\);

}\\\);

</script>
<script>
\\\$\\\(document\\\).ready\\\(function\\\(\\\) {
    \\\$\\\('#multi-filter-select'\\\).DataTable\\\({
        "pageLength": 5,

```

Listing Program 4.83 Lanjutan View plan

```

initComplete: function() {
    this.api().columns().every(function() {
        var column = this;
        var select = $('<select class="form-control"><option value=""></option></select>')
            .appendTo($(column.footer()).empty())
            .on('change', function() {
                var val = $.fn.dataTable.util.escapeRegex(
                    $(this).val()
                );
                column
                    .search(val ? '^' + val + '$' : '',
true, false)
                    .draw();
            });
        column.data().unique().sort().each(function(d, j) {
            select.append('<option value="' + d + '">' + d + '</option>')
        });
    }));
}
);
</script>

```

Listing Program 4.84 Lanjutan View plan

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">

```

Listing Program 4.85 View privacy

```

<h4 class="card-title" style="color: white">Privacy Policy</h4>
</div>
</div>
<div class="card-body bg-body-tabel text-justify text-muted">

<p class="text-justify">
    Our Privacy Policy explains how we and some of the companies we work with collect, use, share and protect information in relation to our website and your choices about the collection and use of your information.

    This website also consistent with the terms and conditions of this Privacy Policy and our Terms of Use (which can be found at http://www.gamatechno.com/).
</p>
<p class="text-justify ">
    Our Policy applies to all visitors, users, and others who access the Service ("Users").
<br><br> 1. INFORMATION WE COLLECT
    <br> We collect the following types of information. Information you provide us directly:
        <br>Your username, password account.
        <br>Profile information that you provide for your user profile (e.g., first and last name, picture, phone number).
        User Content (e.g., photos, comments, and other materials) that you post to the Service.
</p>
<p>
    2. HOW WE USE YOUR INFORMATION
    <br> In addition to some of the specific uses of information we describe in this Privacy Policy, we may use information that we receive to:
        help you efficiently access your information after you sign in
        remember information so you will not have to re-enter it during your visit or the next time you visit the Service
        provide personalized content and information to you and others, which could include online ads or other forms of marketing provide, improve, test, and monitor the effectiveness of our Service develop and test new products and features </p><p>

```

Listing Program 4.86 Lanjutan View privacy

3. HOW TO CONTACT US

 If you have any questions about this Privacy Policy or the Service, please find the appropriate support channel as SPV / Help Center at which to contact us.

```

        </p>
        </div>
        </div>
        </div>
        </div>
        </div>
        </div>
        </div>
        </div>
        <script src="<?=base_url('assets/') ?>js/core/jquery.min.js"></script>
<script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
<script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>
    
```

Listing Program 4.87 Lanjutan *View privacy*

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-10 mx-auto">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div>
                            <h4 class="card-title" align="center" style="color: white">My Profile</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <center>
                            <div class="avatar avatar-xxl">
                                
                            

```

Listing Program 4.88 *View profile*

```

                <h5 class="card-title" align="center">
<?= $profile->nama_am; ?></h5>

                </div>
            </center>

            <?php echo
form_open_multipart('activity_sv/UpdateProfile'); ?>
                <form method="post" action="<?= base_url('activity_am/UpdateProfile') ?>">

                <div class="form-group">
                    <label for="username">Code</label>
                    <input type="text" class="form-control" id="kode_am" name="kode_am" value="<?= $profile->kode_am; ?>" readonly>
                </div>

                <div class="form-group">
                    <label for="name">Name</label>
                    <input type="text" class="form-control" id="nama_am" name="name_am" value="<?= $profile->nama_am; ?>">
                </div>

                <div class="form-group">
                    <label for="password">Password</label>
                    <input type="password" class="form-control" id="password-field" name="password" value="<?= $profile->password; ?>">
                    <span toggle="#password-field" class="fa fa-fw fa-eye field-icon toggle-password"></span>
                </div>

                <div class="form-group">
                    <label for="previlege">Previlege</label>
                    <input type="text" class="form-control" id="previlege" name="previlege" value="<?= $profile->previlege; ?>" readonly>
                </div>

                <div class="form-group">
                    <label for="name">Photo</label>
                    <input type="file" class="form-control" id="foto_am" name="foto_am">
                </div>

```

Listing Program 4.89 Lanjutan View profile

```

        </div>

        <div class="modal-footer no-bd">
            <button type="submit" name="change"
class="btn no-bd btn-warning">Change</button>
        </div>
        <?php echo form_close(); ?>

    </div>
<script src="= base_url('assets/') ?&gt;js/core/jquery.3.2.1.min.js"&gt;&lt;/script&gt;
&lt;script&gt;
    $(".toggle-password").click(function() {

        $(this).toggleClass("fa-eye fa-eye-slash");
        var input = $($(this).attr("toggle"));
        if (input.attr("type") == "password") {
            input.attr("type", "text");
        } else {
            input.attr("type", "password");
        }
    });
&lt;/script&gt;
</pre

```

Listing Program 4.90 Lanjutan *View profile*

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">

```

Listing Program 4.91 *View version*

```

<div class="card-header">
    <div class="d-flex align-items-center">
        <h4 class="card-title" style="color: white">Version 1.0</h4>
    </div>

    </div>
    <div class="card-body bg-body-table text-justify text-muted">
        <h3 class="text-center">GT-Marketing</h3>
        <p class="text-center"> Version : 1.0 <br>
        </p>
        <p class="text-center">Consisting of Activity and Prospect for AM and SPV</p>
    </div>
    </div>
    </div>
    </div>
    </div>
</div>

<script src="= base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?= base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script src="<?= base_url() . 'assets/js/jquery-ui.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
</pre

```

Listing Program 4.92 Lanjutan View version

4.1.3 Sisi Account Manager (AM)

```

<?php
defined('BASEPATH') or exit('No direct script access allowed');
class Activity_am extends CI_Controller
{
    function __construct()
    { parent::__construct();

```

Listing Program 4.93 Controller activity am

```

if (!$this->session->userdata('kode_am')) {
    redirect('login?pesan=Silakan Login dahulu');
}

$this->load->model("modelActivity_am");
$this->load->library('form_validation');
error_reporting(0);
}

public function index()
{
    if ($_GET['id']) {
        $id_activity = $_GET['id'];

        $delete = $this->modelActivity_am->delete("activity",
array('id_activity' => $id_activity));

        redirect('activity_am/index');
    }

    $id_am = $this->session->userdata('id_am');

    $where = array('id_am' => $id_am);

    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);

    $data['plans'] = $this->modelActivity_am->getJoinPlan(
        "*",
        "activity",
        "type_act",
        "stage",
        "customer",
        "am",
        "type_act.id_type=activity.id_type",
        "stage.id_stage=activity.id_stage",
        "customer.id_customer=activity.id_customer",
        "activity.done=0",
        "am.id_am='\$id_am'",
        "am.id_am=activity.id_am"
    );
}

$data['customers'] =

```

Listing Program 4.94 Lanjutan Controller activity am

```

$this->modelActivity_am->getDataCustomer();

    $data['title'] = 'Plan';

    $this->load->view('am/activity_template/header', $data);
    $this->load->view('am/activity_template/topbar', $data);
    $this->load->view('am/activity_template/sidebar', $data);
    $this->load->view('am/activity/plan', $data);
    $this->load->view('am/activity_template/footer', $data);

}

public function menu()

{

    $this->load->view('am/menu');

}

public function activity()

{

    $data['title'] = 'Activity';

    if ($_GET['id']) {

        $id_activity = $_GET['id'];

        $delete = $this->modelActivity_am->delete("activity",
array('id_activity' => $id_activity));

        redirect('activity_am/activity');

    }

    $id_am = $this->session->userdata('id_am');

    $where = array('id_am' => $id_am);

    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);

    $data['activities'] = $this->modelActivity_am->getJoinActivity(
        "*",
        "activity",
        "type_act",
        "stage",
        "customer",
        "am",
        "type_act.id_type=activity.id_type",
        =
)
}

```

Listing Program 4.95 Lanjutan Controller activity am

```

        "stage.id_stage=activity.id_stage",
        "customer.id_customer=activity.id_customer",
        "activity.done=1",
        "am.id_am='$id_am'",
        "am.id_am=activity.id_am"
    );
}

$this->load->view('am/activity_template/header', $data);
$this->load->view('am/activity_template/topbar', $data);
$this->load->view('am/activity_template/sidebar', $data);
$this->load->view('am/activity/activity', $data);
$this->load->view('am/activity_template/footer', $data);

}

public function profile()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);
    $data['title'] = 'Profile';
    $this->load->view('am/activity_template/header', $data);
    $this->load->view('am/activity_template/topbar', $data);
    $this->load->view('am/activity_template/sidebar', $data);
    $this->load->view('am/activity/profile', $data);
    $this->load->view('am/activity_template/footer', $data);
}

public function customer()
{
    $data['title'] = 'Customer Engagement';
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);
    $data['customers'] = $this->modelActivity_am->getCustomer();
    $this->load->view('am/activity_template/header', $data);
    $this->load->view('am/activity_template/topbar', $data);
}

```

Listing Program 4.96 Lanjutan Controller activity am

```

    $this->load->view('am/activity_template/sidebar', $data);
    $this->load->view('am/activity/customer', $data);
    $this->load->view('am/activity_template/footer', $data);
}

public function dataCustomer()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);
    $data['title'] = 'Customer Data';
    $data['customer'] =
$this->modelActivity_am->getDataCustomer();
    $data['pic'] = $this->modelActivity_am->getDataPic();
    $this->load->view('am/activity_template/header', $data);
    $this->load->view('am/activity_template/topbar', $data);
    $this->load->view('am/activity_template/sidebar', $data);
    $this->load->view('am/activity/dataCustomer', $data);
    $this->load->view('am/activity_template/footer', $data);
}
public function about()
{
    $id_am = $this->session->userdata('id_am');
    $where = array('id_am' => $id_am);
    $data['profile'] = $this->modelActivity_am->getData("*",
"am", $where);
    $data['title'] = 'About';
    $data['customer'] =
$this->modelActivity_am->getDataCustomer();
    $this->load->view('am/activity_template/header', $data);
    $this->load->view('am/activity_template/topbar', $data);
    $this->load->view('am/activity_template/sidebar', $data);
    $this->load->view('am/activity/about', $data);
    $this->load->view('am/activity_template/footer', $data);
}
public function privacy()

```

Listing Program 4.97 Lanjutan Controller activity am

```

{$id_am = $this->session->userdata('id_am');

$where = array('id_am' => $id_am);

$data['profile']      =      $this->modelActivity_am->getData("*",
"am", $where);

$data['title'] = 'Privacy Policy';

$data['customer']

$this->modelActivity_am->getDataCustomer();

$this->load->view('am/activity_template/header', $data);

$this->load->view('am/activity_template/topbar', $data);

$this->load->view('am/activity_template/sidebar', $data);

$this->load->view('am/activity/privacy', $data);

$this->load->view('am/activity_template/footer', $data);

}

public function version()

{

    $id_am = $this->session->userdata('id_am');

    $where = array('id_am' => $id_am);

    $data['profile']      =      $this->modelActivity_am->getData("*",
"am", $where);

    $data['title'] = 'Version';

    $data['customer']

$this->modelActivity_am->getDataCustomer();

    $this->load->view('am/activity_template/header', $data);

    $this->load->view('am/activity_template/topbar', $data);

    $this->load->view('am/activity_template/sidebar', $data);

    $this->load->view('am/activity/version', $data);

    $this->load->view('am/activity_template/footer', $data);

}

public function log()

{

    $data['title'] = 'Log';

    $id_am = $this->session->userdata('id_am');

    $where = array('id_am' => $id_am);

    $data['profile']      =      $this->modelActivity_am->getData("*",
"am", $where);

```

Listing Program 4.98 Lanjutan Controller activity am

```

$data['plans'] = $this->modelActivity_am->getJoinActivity(
    "*",
    "activity",
    "type_act",
    "stage",
    "customer",
    "am",
    "type_act.id_type=activity.id_type",
    "stage.id_stage=activity.id_stage",
    "customer.id_customer=activity.id_customer",
    "activity.done=activity.done",
    "am.id_am='$id_am'",
    "am.id_am=activity.id_am"
);

$this->load->view('am/activity_template/header', $data);
$this->load->view('am/activity_template/topbar', $data);
$this->load->view('am/activity_template/sidebar', $data);
$this->load->view('am/activity/log', $data);
$this->load->view('am/activity_template/footer', $data);
}

public function get_autocomplete()
{
    if (isset($_GET['term'])) {
        $result
        $this->modelActivity_am->search_blog($_GET['term']);
        if (count($result) > 0) {
            foreach ($result as $row)
                $arr_result[] = array(
                    'label'          => $row->nama_customer,
                    'id'             => $row->id_customer
                );
            echo json_encode($arr_result);
        }
    }
}

```

Listing Program 4.99 Lanjutan Controller activity am

```

    }

}

public function update($id_activity)
{
    $update = [
        'id_activity' => $id_activity, 'done' => 1,
    ];
    $this->modelActivity_am->update($update);
    redirect(base_url('activity_am/index'));
}

public function getCust()
{
    $data = $this->modelActivity_am->getCustomer();
    echo json_encode($data);
}

public function getCustomers()
{
    $data = $this->modelActivity_am->getCustomer();
    return $data;
}

public function addActivity()
{
    $time = explode("-", $this->input->post('time'));
    $date = $time[2] . '-' . $time[1] . '-' . $time[0];
    $activity = array(
        'name_activity' => $this->input->post('name_activity'),
        'id_type' => $this->input->post('type'),
        'id_am' => $this->session->userdata('id_am'),
        'id_customer' => $this->input->post('id_customer'),
    );
}

```

Listing Program 4.100 Lanjutan Controller activity am

```

'id_stage' => $this->input->post('stage'),
'note' => $this->input->post('note'),
'time' => $date,
'done' => $this->input->post('done')

);

$this->modelActivity_am->addActivity($activity);
redirect('/Activity_am/activity');

}

public function addPlan()
{
    $time = explode("-", $this->input->post('time'));
    $date = $time[2] . '-' . $time[1] . '-' . $time[0];
    $plan = array(
        'name_activity' => $this->input->post('name_activity'),
        'id_type' => $this->input->post('type'),
        'id_customer' => $this->input->post('id_customer'),
        'id_stage' => $this->input->post('stage'),
        'note' => $this->input->post('note'),
        'time' => $date,
        'id_am' => $this->session->userdata('id_am')
    );
    $this->modelActivity_am->addPlan($plan);
    redirect('/Activity_am/index');
}

public function UpdatePlan()
{
    $time = explode("-", $this->input->post('EditTime'));
    $date = $time[2] . '-' . $time[1] . '-' . $time[0];
    $plan = [
        'id_activity' => $this->input->post('EditIdPlan'),
        'name_activity' => $this->input->post('EditNamePlan'),
        'id_type' => $this->input->post('EditType'),
    ];
}

```

Listing Program 4.101 Lanjutan *Controller activity am*

```

'id_customer' => $this->input->post('EditIdCust'),
'id_stage' => $this->input->post('EditStage'),
'time' => $date,
'note' => $this->input->post('EditNote'),
];

$this->modelActivity_am->UpdatePlan($plan);
redirect('/Activity_am/index');

}

public function UpdateActivity()
{
    $time = explode("-", $this->input->post('EditTime'));
    $date = $time[2] . '-' . $time[1] . '-' . $time[0];
    $Activity = [
        'id_activity' => $this->input->post('EditIdAct'),
        'name_activity' => $this->input->post('EditNameAct'),
        'id_type' => $this->input->post('EditType'),
        'id_customer' => $this->input->post('EditIdCust'),
        'id_stage' => $this->input->post('EditStage'),
        'time' => $date,
        'note' => $this->input->post('EditNote'),
    ];
    $this->modelActivity_am->UpdatePlan($Activity);
    redirect('/Activity_am/Activity');
}

public function addCust()
{
    $cust = array(
        'nama_customer' => $this->input->post('nameCust'),
        'segment' => $this->input->post('segmentCust'),
        'email' => $this->input->post('emailCust'),
        'contact' => $this->input->post('contactCust'),
        'id_am' => $this->session->userdata('id_am')
    );
}

```

Listing Program 4.102 Lanjutan Controller activity am

```

    );

    $id_customer = $this->modelActivity_am->addCust('customer',
$cust);

    if (!empty($this->input->post('namaPIC'))) {

        $name = $this->input->post('namaPIC', true);
        $email = $this->input->post('emailPIC', true);
        $telp = $this->input->post('telpPIC', true);
        foreach ($name as $i => $nama) { // need index to match
other properties

            $data = array(
                'nama_pic' => $nama,
                'id_customer' => $id_customer,
                'telp' => isset($telp[$i]) ? $telp[$i] : '',
                'email' => isset($email[$i]) ? $email[$i] : ''
            );
            $this->modelActivity_am->addCust('pic', $data);
        }
    }

    redirect('/Activity_am/dataCustomer');
}

public function editCustomer()
{
    $cust = array(
        'id_customer' => $this->input->post('EditIdCust'),
        'nama_customer' => $this->input->post('EditNameCust'),
        'segment' => $this->input->post('SegmentCust'),
        'email' => $this->input->post('Email'),
        'contact' => $this->input->post('Contact'),
    );
    $this->modelActivity_am->updateCust($cust);
    $id_customer = $this->input->post('EditIdCust', true);
    $deletePIC = $this->modelActivity_am->delete("pic",

```

Listing Program 4.103 Lanjutan Controller activity am

```

array('id_customer' => $id_customer));

$name = $this->input->post('namaPIC', true);
$email = $this->input->post('emailPIC', true);
$telp = $this->input->post('telpPIC', true);

foreach ($name as $i => $nama) { // need index to match other
properties

    $data = array(
        'nama_pic' => $nama,
        'id_customer' => $id_customer,
        'telp' => isset($telp[$i]) ? $telp[$i] : '',
        'email' => isset($email[$i]) ? $email[$i] : ''
    );
    $this->modelActivity_am->addCust('pic', $data);
}

redirect('/Activity_am/dataCustomer');
}

public function UpdateProfile()
{
    $data = $this->input->post();
    $cekFoto = $_FILES['foto_am']['name'];
    if ($cekFoto != null) {
        $profile = array(
            'kode_am' => $data['kode_am'],
            'nama_am' => $data['name_am'],
            'password' => $data['password'],
            'foto_am' => $_FILES['foto_am']['name']
        );
        $config['upload_path'] = './assets/image';
        $config['allowed_types'] = 'jpg|png|gif|jpeg';
        $this->load->library('upload', $config);
        if (!$this->upload->do_upload('foto_am')) {
            echo "Upload Gagal";
            die();
        }
    }
}

```

Listing Program 4.104 Lanjutan Controller activity am

```

    } else {
        $foto_am = $this->upload->data('foto_am');
    }
} else {
    $profile = array(
        'kode_am' => $data['kode_am'],
        'nama_am' => $data['name_am'],
        'password' => $data['password'],
    );
}

$this->modelActivity_am->updateProfil($profile);
redirect('/Activity_am/profile');
}

public function getPic($id_customer)
{
    $a = $this->modelActivity_am->getPic($id_customer);
    return $a;
}

public function deleteCust()
{
    if ($_GET['id']) {
        $idCust = $_GET['id'];
        $deletePIC = $this->modelActivity_am->delete("pic",
array('id_customer' => $idCust));
        $deleteCust = $this->modelActivity_am->delete("customer",
array('id_customer' => $idCust));
        redirect('activity_am/dataCustomer');
    }
}
}

```

Listing Program 4.105 Lanjutan Controller activity am

```

<?php

class modelActivity_am extends CI_Model
{
    public const TABLE_NAME = 'activity';

    public function search_blog($nama)
    {
        $this->db->like('nama_customer', $nama, 'both');
        $this->db->order_by('nama_customer', 'ASC');
        $this->db->limit(10);
        return $this->db->get('customer')->result();
    }

    function getJoinPlan($kolom, $table1, $table2, $table3, $table4,
    $table5, $syarat1, $syarat2, $syarat3, $syarat4, $syarat5, $syarat6)
    {
        $this->db->select($kolom);
        $this->db->from($table1);
        $this->db->join($table2, $syarat1);
        $this->db->join($table3, $syarat2);
        $this->db->join($table4, $syarat3);
        $this->db->join($table5, $syarat5);
        $this->db->where($syarat4);
        $this->db->where($syarat6);
        // $this->db->order_by('time', 'ASC');
        $query = $this->db->get()->result();
        return $query;
    }

    function getJoinActivity($kolom, $table1, $table2, $table3,
    $table4, $table5, $syarat1, $syarat2, $syarat3, $syarat4, $syarat5,
    $syarat6)
    {
        $this->db->select($kolom);
        $this->db->from($table1);
        $this->db->join($table2, $syarat1);
        $this->db->join($table3, $syarat2);
    }
}

```

Listing Program 4.106 Model activity am

```

        $this->db->join($table4, $syarat3);
        $this->db->join($table5, $syarat5);
        $this->db->where($syarat4);
        $this->db->where($syarat6);

$query = $this->db->get()->result();

return $query;
}

public function getData($kolom, $table, $where)
{
    if ($where) {
        return $this->db
            ->select($kolom) //function bawaan dari CI untuk akses
databasenya
            ->from($table)
            ->where($where)
            ->get()
            ->row();
    } else {
        return $this->db
            ->select($kolom) //function bawaan dari CI untuk akses
databasenya
            ->get($table)
            ->result(); //return object
    }
}

function updateData($table, $set, $where)
{
    return $this->db
        ->where($where)
        ->update($table, $set);
}

public function update($done)
{
    $this->db->update('activity', $done, array('id_activity' =>

```

Listing Program 4.107 Lanjutan Model activity am

```

$done['id_activity'));

}

function insertData($table, $value) // $table itu nama table,
$value itu nilai yang dibawa
{
    return $this->db // sudah bawaan dari CI
        ->insert($table, $value); // function insert bawaan dari CI
}

public function getCustomer()
{
    $this->db->select('activity.id_activity');

    $this->db->select('customer.nama_customer');

    $this->db->select('count(activity.id_customer) AS n');

    $this->db->from('activity');

    $this->db->join('customer',      'activity.id_am=          .
$this->session->userdata('id_am'));

    $this->db->where('activity.id_customer           =
customer.id_customer');

    $this->db->where('activity.done=1');

    $this->db->group_by('customer.id_customer');

    $this->db->order_by('customer.nama_customer');

    $query = $this->db->get()->result();

    return $query;
}

public function addPlan($plan)
{
    $this->db->insert($this::TABLE_NAME, $plan);
}

public function updatePlan($plan)
{
    $this->db->update($this::TABLE_NAME,                      $plan,
array('id_activity' => $plan['id_activity']));
}

```

Listing Program 4.108 Lanjutan Model activity am

```

public function updateCust($cust)
{
    $this->db->update('customer', $cust, array('id_customer' =>
$cust['id_customer']));
}

public function addActivity($activity)
{
    $this->db->insert($this::TABLE_NAME, $activity);
}

public function addCust($table, $cust)
{
    $this->db //sudah bawaan dari CI
        ->insert($table, $cust); //function insert bawaan dari CI
    $idCust = $this->db->insert_id();
    return $idCust;
}

public function addPIC($table, $pic)
{
    return $this->db //sudah bawaan dari CI
        ->insert($table, $pic); //function insert bawaan dari CI
}

public function delete($table, $where)
{
    return $this->db
        ->where($where) //untuk menampung syaratnya
        ->delete($table); //ini yang akan dihapus
}

public function updateProfil($profile)
{
    $this->db->where('kode_am', $profile['kode_am']);
    $this->db->update('am', $profile);
}

public function getDataCustomer()
{
}

```

Listing Program 4.109 Lanjutan Model activity am

```

        return $this->db->select('*')
            ->from('customer')
            ->get()
            ->result();
    }

    public function getDataPic()
    {
        return $this->db->select('*')
            ->from('pic')
            ->get()
            ->result();
    }
}

```

Listing Program 4.110 Lanjutan Model activity am

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta content='width=device-width, initial-scale=1.0, shrink-to-fit=no' name='viewport' />
    <link rel="icon" href="#">  

base_url('assets/') ?>img/logo/logo_gt.png" type="image/x-icon" />
    <title><?php echo $title ?> </title>
    <!-- Fonts and icons -->
    <script src="#">  

base_url('assets/') ?>js/plugin/webfont/webfont.min.js"&#gt;</script>
    <script>
        WebFont.load({
            google: {
                "families": ["Lato:300,400,700,900"]
            },
            custom: {
                "families": ["Flaticon", "Font Awesome 5 Solid", "Font
Awesome 5 Regular", "Font Awesome 5 Brands", "simple-line-icons"],

```

Listing Program 4.111 View Header activity am

```

urls: ['../assets/css/fonts.min.css']

    } ,
    active: function() {
        sessionStorage.fonts = true;
    }
});

</script>

<!-- CSS Files -->

<link rel="stylesheet" href="php echo base_url('assets/css/bootstrap.css') ?&gt;"&gt;
&lt;link rel="stylesheet" href="<?php echo base_url('assets/css/jquery-ui.css') ?&gt;"&gt;

&lt;link rel="stylesheet" href="<?=base_url('assets/') ?&gt;css/bootstrap.min.css"&gt;
&lt;link rel="stylesheet" href="<?=base_url('assets/') ?&gt;css/atlantis.min.css"&gt;
&lt;link rel="stylesheet" href="<?=base_url('assets/') ?&gt;css/additional.css"&gt;

&lt;/head&gt;
&lt;body&gt;
&lt;div class="wrapper"&gt;
    &lt;div class="main-header"&gt;
</pre

```

Listing Program 4.112 Lanjutan View Header activity am

```

<!-- Logo Header -->
<div class="logo-header bg-logo">
    <a href="php base_url('index') ?&gt;" class="logo"&gt;
        &lt;img src="<?=base_url('template/') ?&gt;img/logo2.png" alt="logo" style="width: 65px; margin-left: 50px"&gt; &lt;/a&gt;
    &lt;/a&gt;
    &lt;button class="navbar-toggler sidenav-toggler ml-auto" type="button" data-toggle="collapse" data-target="#collapse" aria-expanded="false" aria-label="Toggle navigation"&gt;
        &lt;span class="navbar-toggler-icon"&gt;
            &lt;i class="icon-menu"&gt;&lt;/i&gt;
        &lt;/span&gt;
</pre

```

Listing Program 4.113 View Topbar activity am

```

</button>

<button class="topbar-toggler more"><i class="icon-options-vertical"></i></button>

<div class="nav-toggle">
    <button class="btn btn-toggle toggle-sidebar">
        <i class="icon-menu"></i>
    </button>
</div>
</div>

<!-- End Logo Header --&gt;
<!-- Navbar Header --&gt;
&lt;nav class="navbar navbar-header navbar-expand-lg bg-topbar"&gt;
    &lt;div class="container-fluid"&gt;
        &lt;ul class="navbar-nav topbar-nav ml-md-auto align-items-center"&gt;
            &lt;li class="nav-item dropdown hidden-caret"&gt;
                &lt;a class="dropdown-toggle profile-pic" data-toggle="dropdown" href="#" aria-expanded="false"&gt;
                    &lt;div class="avatar-sm"&gt;
                        &lt;img src="<?php echo base_url('assets/image/'); ?>" alt="User Profile Picture" data-profile="foto_am" />
                    </div>
                </a>
                <ul class="dropdown-menu dropdown-user animated fadeIn">
                    <div class="dropdown-user-scroll scrollbar-outer">
                        <li>
                            <div class="user-box">
                                <div class="avatar-lg"></div>
                                <div class="u-text">
                                    <h4><?php echo $this->session->userdata('nama_am'); ?>
                                    </h4>
                                </div>
                            </div>
                        </li>
                    </div>
                </ul>
            </li>
        </ul>
    </div>
</nav>

```

Listing Program 4.114 Lanjutan View Topbar activity am

```

<p class="text-muted">
    <?php
        echo
    $this->session->userdata('kode_am') ;
    ?>
</p>
</div>
</div>
</li>
<li>
    <div class="dropdown-divider"></div>
    <?php $kode_am = $this->session->userdata('kode_am') ?>
        <a class="dropdown-item" href="<?= base_url('activity_am/profile') ?>">My Profile</a>
        <a class="dropdown-item log-out" href="<?= base_url('login/logout') ?>">Logout</a>
    </li>
</div>
</ul>
</li>
</ul>
</div>
</nav>
<!-- End Navbar -->
</div>

```

Listing Program 4.115 Lanjutan View Topbar activity am

```

<!-- Sidebar -->
<!-- kelas sama kaya sidebaricon.php -->
<div class="sidebar sidebar-style-2">
    <div class="sidebar-wrapper scrollbar scrollbar-inner">
        <div class="sidebar-content">
            <div class="user">
                <div class="avatar-sm float-left mr-2">

```

Listing Program 4.116 View Sidebar activity am

```

        
    </div>
    <div class="info">
        <a data-toggle="collapse" href="#collapseExample" aria-expanded="true">
            <span>
                <?php echo $this->session->userdata('nama_am'); ?>
                <span class="user-level">
                    <?php echo $this->session->userdata('kode_am'); ?></span>
                <span class="caret"></span>
            </span>
        </a>
        <div class="clearfix"></div>
        <div class="collapse in" id="collapseExample">
            <ul class="nav">
                <li class="nav-item">
                    <?php $kode_am = $this->session->userdata('kode_am') ?>
                    <a class="nav-link" href="<?= base_url('activity_am/profile') ?>">
                        <i class="fas fa-user-circle"></i>
                        <span class="link-collapse">My Profile</span>
                    </a>
                </li>
            </ul>
        </div>
    </div>

```

Listing Program 4.117 Lanjutan View Sidebar activity am

```

<ul class="nav nav-primary">

    <?php if ($title == 'Plan') { ?>
        <li class="nav-item active">
            <?php } else { ?>
            <li class="nav-item">
                <?php } ?>
                <a href="#">class="nav-link">
                    <i class="far fa-list-alt"></i>
                    <span>Plan</span>
                </a>
        </li>

        <?php if ($title == 'Activity') { ?>
            <li class="nav-item active ">
                <?php } else { ?>
                <li class="nav-item"> <?php } ?>
                    <a href="#">class="nav-link">
                        <i class="fas fa-clipboard-list"></i>
                        <span>Activity</span>
                    </a>
            </li>
            <?php if ($title == 'Customer Data') { ?>
                <li class="nav-item active submenu">
                    <a href="#" data-toggle="collapse" style="color: #007bff;">
                        <i class="far fa-chart-bar"></i>
                        <span>Customer</span>
                        <span class="caret"></span>
                    </a>
                    <div id="sidebarLayouts" class="collapse show" style="background-color: #f9f9f9; padding: 10px;">
                        <ul class="nav nav-collapse">
                            <li>
                                <a href="#">class="nav-link">
                                    <i class="far fa-user"></i>
                                    <span>Customer Data</span>
                                </a>
                            </li>
                        </ul>
                    </div>
                </li>
            <?php } ?>
        </ul>
    
```

Listing Program 4.118 Lanjutan View Sidebar activity am

```

<li class="active">
    <a class="nav-link" href="= base_url('activity_am/dataCustomer') ?&gt;"&gt;
        &lt;span class="sub-item"&gt;Customer Data&lt;/span&gt;
    &lt;/a&gt;
&lt;/li&gt;
&lt;li&gt;
    &lt;a class="nav-link" href="<?= base_url('activity_am/customer') ?&gt;"&gt;
        &lt;span class="sub-item"&gt;Customer Engagement&lt;/span&gt;
    &lt;/a&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;/li&gt;
&lt;?php } elseif ($title == 'Customer') { ?&gt;
&lt;li class="nav-item active submenu"&gt;
    &lt;a data-toggle="collapse" href="#sidebarLayouts"&gt;
        &lt;i class="far fa-chart-bar"&gt;&lt;/i&gt;
        &lt;span&gt;Customer&lt;/span&gt;
        &lt;span class="caret"&gt;&lt;/span&gt;
    &lt;/a&gt;
    &lt;div class="collapse" id="sidebarLayouts"&gt;
        &lt;ul class="nav nav-collapse"&gt;
            &lt;li&gt;
                &lt;a class="nav-link" href="<?= base_url('activity_am/dataCustomer') ?&gt;"&gt;
                    &lt;span class="sub-item"&gt;Customer Data&lt;/span&gt;
                &lt;/a&gt;&lt;/li&gt;
            &lt;li class="active"&gt;
                &lt;a class="nav-link" href="<?= base_url('activity_am/customer') ?&gt;"&gt;
</pre

```

Listing Program 4.119 Lanjutan View Sidebar activity am

```

class="sub-item">Customer Engagement</span>
        </a>
    </li>
</ul>
</div>
</li>
<?php } else { ?>
<li class="nav-item">
    <a href="#sidebarLayouts" data-toggle="collapse">
        <i class="far fa-chart-bar"></i>
        <span>Customer</span>
        <span class="caret"></span>
    </a>
    <div id="sidebarLayouts" class="collapse">
        <ul class="nav nav-collapse">
            <li>
                <a href="= base_url('activity_am/dataCustomer') ?" class="nav-link">
                    <span class="sub-item">Customer Data</span>
                </a>
            </li>
            <li>
                <a href="= base_url('activity_am/customer') ?" class="nav-link">
                    <span class="sub-item">Customer Engagement</span>
                </a>
            </li>
        </ul>
    </div>
</li>
<?php } ?>
```

Listing Program 4.120 Lanjutan View Sidebar activity am

```

<?php if ($title == 'Log') { ?>
    <li class="nav-item active">
        <?php } else { ?>
        <li class="nav-item">
            <?php } ?>

            <a class="nav-link" href="#">

```

Listing Program 4.121 Lanjutan View Sidebar activity am

```

base_url('activity_am/privacy') ?>">
                                <i      class="fas      fa-balance-
scale"></i>
                                <span>Privacy Policy</span>
                            </a>
                        </li>

                    <!-- disini untuk versi -->

                    <?php if ($title == 'Version') { ?>
                        <li class="nav-item active ">
                            <?php } else { ?>
                        <li          class="nav-item">
<?php } ?>

                        <a class="nav-link" href="<?= base_url('activity_am/version') ?>">
                            <i      class="fas      fa-code-
branch"></i>
                            <span>Version</span>
                        </a>
                    </li>

                    <li          class="nav-item"
style="position: fixed;bottom: 0;">
                        <a          class="nav-link"
href="<?= base_url('activity_am/menu') ?>">
                            <i      class="fas      fa-
arrow-circle-left"></i>
                            <span>Back</span>
                        </a>
                    </li>
                </ul>
            </div>
        </div>
    </div><!-- End Sidebar -->

```

Listing Program 4.122 Lanjutan View Sidebar activity am

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">About</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel text-justify text-muted">
                        <h3 class="text-center">GT-Marketing</h3>
                        <p class="text-center"> Version : 1.0 <br> Legal Notices</p>
                        <p>
                            Gamatechno, the Gamatechno logo, trademarks of PT. Gamatechno Indonesia in the Indonesia and/or other countries.
                            <br> All other trademarks are the property of their respective owners.
                            <br> JQuery and JQuery UI Copyright © 2013 JQuery Foundation and other contributors. All Rights Reserved.
                            <br> Atlantis Lite Master Template All Rights Reserved.
                            <br> Bootstrap 3.0 All Rights Reserved.
                            <br> SweetAlert 2.0 All Rights Reserved.
                            <br> Datatables All Rights Reserved.
                            <br>
                            This application was built by some web developers from UPN "Veteran" Yogyakarta on http://www.gamatechno.com/, which consisting of :
                            <br>1). Judanti Cahyaning Tyas (123170014)
                            <br>2). Fhrezha Zeaneth (123170044)
                            <br>3). Arif Suryanto (123170061)
                            <br>4). Dzaky Muhammad Iqbal (123170085)
                        </p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

Listing Program 4.123 View About activity am

```

        </div>
    <p></p>
</div>
</div>
</div>
</div>
</div>

<script src="= base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
</pre

```

Listing Program 4.124 Lanjutan View About activity am

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title " style="color: white">Activity</h4>
                            <button id="showModal" class="btn btn-warning btn-round ml-auto" data-toggle="modal" data-target="#addActivity">
                                <i class="fa fa-plus"></i>
                                Add Activity
                            </button>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <!-- Modal -->
                        <div class="modal fade" id="addActivity" tabindex="-1" role="dialog" aria-hidden="true">

```

Listing Program 4.125 View activity am

```

<div      class="modal-dialog modal-lg"
role="document">

    <div class="modal-content bg-modal">
        <div class="modal-header bg-head-
modal no-bd">
            <h5 class="modal-title">
                <span          class="fw-
mediumbold">
                    Add Activity</span>
                </h5>
                <button          type="button"
class="close" data-dismiss="modal" aria-label="Close">
                    <span          aria-
hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body bg-body-
modal">
                <form          action="<?=
base_url('activity_am/addActivity') ?>" method="post">
                    <div class="row">
                        <div class="col-6">
                            <div class="form-
group">
                                <label>Name
Activity</label>
                                <input
id="name_activity" name="name_activity" type="text" class="form-
control" placeholder="Fill Name Activity" required>
                            </div>
                            <div class="form-
group">
                                <label>Type</label>
                                <select
id="type" name="type" class="form-control" required>
                                    <option
value="" disabled selected hidden>Choose Activities Type</option>
                                    <option value="1">Call</option>
                            </div>
                </form>
            </div>
        </div>
    </div>
</div>

```

Listing Program 4.126 Lanjutan View activity am

```

        <option
value="2">Administration</option>
        <option
value="3">Email/Fax</option>
        <option
value="4">Customer Meeting</option>
        <option
value="5">Visitation</option>
        <option
value="6">Product Presentation</option>
    </select>
</div>

<div class="form-group ui-front">
    <label>Customer</label>
    <input id="customer" name="customer" type="text" class="form-control" placeholder="Fill Customer" required>
    <input id="id_customer" name="id_customer" type="hidden" class="form-control" placeholder="Fill Customer" required>
</div>
<div class="col-6">
    <div class="form-group">
        <label>Stage</label>
        <select id="stage" name="stage" class="form-control" required>
            <option value="" disabled selected hidden>Choose Activities Stage</option>
            <option value="1">Open Prospect</option>
            <option value="2">Prospecting Progress </option>
            <option value="3">Closing Deal</option>
            <option value="4">Fail</option>
        </select>
    </div>
</div>

```

Listing Program 4.127 Lanjutan View activity am

```

        <option
value="5">Project Progress</option>
    </select>
</div>
<div class="form-group">

    <label>Date</label>
        <input
id="time" name="time" required placeholder="dd/mm/yyyy" type=""
class="form-control time">
    </div>
<div class="form-group">

    <label>Noted</label>
        <textarea
name="note" id="note" class="form-control"></textarea>
    </div>
        <input
type="hidden" name="done" id="done" value="1" class="form-control">
    </div>
</div>
<div class="modal-footer" bg-
footer-modal no-bd">
    <input type="submit"
id="addActivity" name="addActivity" class="btn btn-primary"
value="Add">
        <button type="button"
class="btn btn-danger" data-dismiss="modal">Close</button>
    </div>
</form>
</div>
</div>

<div class="table-responsive">

```

Listing Program 4.128 Lanjutan View activity am

```


| Date | Activity | Customer Name | Type | Stage | Action |
|------|----------|---------------|------|-------|--------|
| Date | Activity | Customer Name | Type | Stage |        |


```

Listing Program 4.129 Lanjutan View activity am

```

<td><?=
$act->name_activity; ?></td>
<td><?=
$act->nama_customer; ?></td>
<td><?=
$act->type; ?></td>
<td><?=
$act->stage; ?></td>

<td class="text-white">
    <a class="btn btn-xs
btn-warning text-white" data-toggle="modal" data-
target="#editActivity" id="buttonEditAct" data-time="<?= date("d-m-
Y", strtotime($act->time)); ?>" data-idact="<?= $act->id_activity ?>" data-
nama="<?= $act->name_activity ?>" data-type="<?= $act->id_type ?>" data-
customer="<?= $act->nama_customer ?>" data-
idcust="<?= $act->id_customer ?>" data-
idstage="<?= $act->id_stage ?>" data-noted="<?= $act->note ?>"><i data-
toggle="tooltip" title="Detail Data" class="fas fa-pen-
square"></i></a>
    <a class="btn btn-xs
btn-danger activityDelete" href="<?= base_
url('activity_am/activity?id=' . $act->id_activity); ?>"><i data-
toggle="tooltip" title="Delete Data" class="fas fa-
trash"></i></a>
</td>
</tr>
<?php } ?>
</tbody>
</table>
</div>
<!-- Modal Edit-->
<div class="modal fade" id="editActivity" tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg" role="document">
        <div class="modal-content bg-modal">
            <div class="modal-header bg-head-modal no-bd">
                <h5 class="modal-title">
                    <span class="fw-mediumbold">
                        EditActivity</span></h5>

```

Listing Program 4.130 Lanjutan View activity am

```

        <button type="button" class="close"
data-dismiss="modal" aria-label="Close">
            <span aria-
hidden="true">&times;</span></button>
        </div>
    <div class="modal-body bg-body-
modal">
        <form action="= base_url('activity_am/UpdateActivity') ?&gt;" method="post"&gt;
            &lt;div class="row"&gt;
                &lt;div class="col-6"&gt;
                    &lt;div class="form-
group"&gt;
                        &lt;label&gt;Name
Activity&lt;/label&gt;
                        &lt;input
name="EditIdAct" id="EditIdAct" type="hidden" class="form-control"
value="<?=$idPlan; ?&gt;" required&gt;
                        &lt;input
name="EditNameAct" id="EditNameAct" type="text" class="form-control"
value="<?=$namaPlan; ?&gt;" required&gt;
                    &lt;/div&gt;
                &lt;/div&gt;
            &lt;div class="form-
group"&gt;
                &lt;label&gt;Type&lt;/label&gt;
                &lt;select
id="EditType" name="EditType" class="form-control" required&gt;
                    &lt;option
value="1"&gt;Call&lt;/option&gt;
                    &lt;option
value="2"&gt;Administration&lt;/option&gt;
                    &lt;option
value="3"&gt;Email/Fax&lt;/option&gt;
                    &lt;option
value="4"&gt;Customer Meeting&lt;/option&gt;
                    &lt;option
value="5"&gt;Visitation&lt;/option&gt;
                    &lt;option
value="6"&gt;Product Presentation&lt;/option&gt;
                &lt;/select&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/div&gt;
</pre

```

Listing Program 4.131 Lanjutan View activity am

```

                </select>
            </div>

        <div class="form-group ui-front">

            <label>Customer</label>
            <input id="EditNameCust" name="EditNameCust" type="text" class="form-control" placeholder="Fill Customer" required>
            <input id="EditIdCust" name="EditIdCust" type="hidden" class="form-control" placeholder="Fill Customer" required>
        </div>
        </div>
        <div class="col-6">
            <div class="form-group">
                <label>Stage</label>
                <select id="EditStage" name="EditStage" class="form-control" required>
                    <option value="1">Open Prospect</option>
                    <option value="2">Prospecting Progress </option>
                    <option value="3">Closing Deal</option>
                    <option value="4">Fail</option>
                    <option value="5">Project Progress</option>
                </select>
            </div>
            <div class="form-group">
                <label>Date</label>
                <input id="EditTime" name="EditTime" required placeholder="dd/mm/yyyy" type="" class="form-control time">
            </div>
        </div>
    </div>

```

Listing Program 4.132 Lanjutan View activity am

```

<div class="form-group">

    <label>Noted</label>

    <textarea name="EditNote" id="EditNote" value="" class="form-control"></textarea>
</div>
</div>
</div>
</div>
<div class="modal-footer bg-footer-modal no-bd">
    <input type="submit" id="updatePlan" name="updatePlan" class="btn btn-primary" value="Edit">
    <button type="button" class="btn btn-warning" data-dismiss="modal">Back</button>
</div>
</form>
</div>
<script src="= base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?= base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script src="<?= base_url() . 'assets/js/jquery-ui.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script&gt;
</pre

```

Listing Program 4.133 Lanjutan View activity am

```

$(document).on('click', '#showModal', function() {
    var now = new Date();
    var day = ("0" + now.getDate()).slice(-2);
    var month = ("0" + (now.getMonth() + 1)).slice(-2);
    var today = (day) + "-" + (month) + "-" + now.getFullYear();
    $('#time').val(today);

});

$(document).on('click', '#buttonEditAct', function() {

    var EditIdAct = $(this).data('idact');
    var EditNameAct = $(this).data('nama');
    var EditType = $(this).data('type');
    var EditNameCust = $(this).data('customer');
    var EditIdCust = $(this).data('idcust');
    var EditStage = $(this).data('idstage');
    var EditNote = $(this).data('noted');
    var EditTime = $(this).data('time');

    $("#EditIdAct").val(EditIdAct);
    $("#EditNameAct").val(EditNameAct);
    $("#EditType").val(EditType);
    $("#EditNameCust").val(EditNameCust);
    $("#EditIdCust").val(EditIdCust);
    $("#EditStage").val(EditStage);
    $("#EditNote").val(EditNote);
    $("#EditTime").val(EditTime);

});

</script>
<script type="text/javascript">
$(document).ready(function() {
    $('.time').datepicker({

```

Listing Program 4.134 Lanjutan View activity am

```

        dateFormat: 'dd-mm-yy'
    });

    $("#customer").autocomplete({
        minLength: 0,
        source: "<?php echo base_url('activity_am/get_autocomplete'); ?>",
        select: function(event, ui) {
            $('[name="customer"]').val(ui.item.customer);
            $('[name="id_customer"]').val(ui.item.id);
        },
        change: function(event, ui) {
            if (ui.item == null || ui.item == undefined) {
                $("#customer").val("");
                $("#customer").attr("disabled", false);
            } else {
                $("#customer").attr("disabled", false);
            }
        }
    }).focus(function() {
        $(this).autocomplete("search", $(this).val());
    });

    $('#EditNameCust').autocomplete({
        minLength: 0,
        source: "<?php echo base_url('activity_am/get_autocomplete'); ?>",
        select: function(event, ui) {
            $('[name="EditNameCust"]').val(ui.item.EditNameCust);
            $('[name="EditIdCust"]').val(ui.item.id);
        },
        change: function(event, ui) {
            if (ui.item == null || ui.item == undefined) {
                $("#EditNameCust").val("");
                $("#EditNameCust").attr("disabled", false);
            }
        }
    });
}

```

Listing Program 4.135 Lanjutan View activity am

```

    } else {
        $("#EditNameCust").attr("disabled", false);
    }
}

}).focus(function() {
    $(this).autocomplete("search", $(this).val());
});

});

</script>
<script>

$(document).ready(function() {
    $('#multi-filter-select').DataTable({
        "columns": [
            "width": "15%"

        ,
        {
            "width": "25%"

        ,
        null,
        null,
        null,
        {

            "width": "15%"

        }
    ],
        "order": [
            [0, "desc"]
        ],
        "pageLength": 5,
        initComplete: function() {
            this.api().columns().every(function() {
                var column = this;

```

Listing Program 4.36 Lanjutan View activity am

```

        var select = $('<select class="form-control"><option value=""></option></select>')

        .appendTo($(column.footer()).empty())
        .on('change', function() {
            var val = $.fn.dataTable.util.escapeRegex(
                $(this).val()
            );
            column
            .search(val ? '^' + val + '$' : '',
true, false)
            .draw();
        });

        column.data().unique().sort().each(function(d, j) {
            select.append('<option value="' + d + '">' + d + '</option>')
        });
    });
});
</script>

```

Listing Program 4.137 Lanjutan *View activity* am

```

<!-- Bar Chart -->
<div class="main-panel bg-panel addmargin">
    <div class="page-inner">
        <div class="row justify-content-md-center">
            <div class="col col-lg-1"></div>
            <div class="col col-lg-9">
                <div class="card shadow bg-tabel mb-4 marginChart ratios ">
                    <div class="card-header py-3 ">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">Customer</h4>

```

Listing Program 4.138 *View customer* am

```
</div>
</div>
<div class="card-body bg-body-tabel ">
    <!-- Modal -->
    <div class="row">
        <div class="col-12">
            <canvas id="myBarChart" height=170%></canvas>
        </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    <link rel="stylesheet" href="<?php echo base_url() . 'assets/css/jquery-ui.css' ?>">
    <script src="<?=base_url('assets/') ?>js/core/jquery.3.2.1.min.js"></script>
    <script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>
    <!-- Page level plugins -->
    <script src="<?=base_url('assets') ?>/js/plugin/chart.js/chart.min.js"></script>
    <!-- Page level custom scripts -->
    <script>
        $(document).ready(function() {
            var myBarChart = document.getElementById('myBarChart').getContext('2d');
            var barChart = new Chart(myBarChart, {
                type: 'horizontalBar',
                data: {
                    labels: <?php
                        echo "[";
                        foreach ($customers as $c) {
                            echo "" . $c->nama_customer . ", ";
                        }
                        echo "]";
                }
            });
        });
    </script>

```

Listing Program 4.139 Lanjutan View customer am

```

echo "]";
?>,
datasets: [{

    label: "Customers",
    backgroundColor: 'rgb(23, 125, 255)',
    borderColor: 'rgb(23, 125, 255)',

    data: <?php

        echo "[";
        foreach ($customers as $c) {

            echo "'" . $c->n . "',";
        }
        echo "]";
    ?> }],
},
options: {
    responsive: true,
    maintainAspectRatio: true,
    legend: {
        display: true,
        position: 'right',
        labels: {
            fontColor: '#000'
        },
        scales: {
            xAxes: [{
                ticks: {
                    min: 0,
                    callback: function(value) {
                        if (value % 1 === 0) {
                            return value;
                        }
                    }
                }
            }]
        }
    }
}

```

Listing Program 4.140 Lanjutan View customer am

```

        layout: {

            padding: {

                left: 10,
                right: 25,
                top: 10,
                bottom: 0

            }
        },
        tooltips: {
            enabled: true
        }
    });
}

});

</script>

```

Listing Program 4.141 Lanjutan View customer am

```

<div class="main-panel addmargin bg-panel">

    <div class="page-inner">

        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header ">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">Customer Data</h4>
                            <button class="btn btn-warning btn-round ml-auto" data-toggle="modal" data-target="#addPlan">
                                <i class="fa fa-plus"></i>
                                Add Customer
                            </button>
                        </div>
                
```

Listing Program 4.142 View data customer am

```

<!-- Modal -->

    <div class="modal fade" id="addPlan" tabindex="-1" role="dialog" aria-hidden="true">

        <div class="modal-dialog" role="document">

            <div class="modal-content bg-modal">

                <div class="modal-header bg-head-modal no-bd">

                    <h5 class="modal-title">
                        <span class="fw-mediumbold">
                            Add Customer</span>
                    </h5>

                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>

                <div class="modal-body bg-body-modal">

                    <form action=<?=$base_url('activity_am/addCust') ?>" method="post">

                        <div class="form-group">
                            <label>Customer's Name</label>
                            <input name="nameCust" id="name_customer" required="" type="text" class="form-control" placeholder="Fill Name Customer">
                        </div>

                        <div class="form-group">
                            <label>Segment</label>
                            <select class="form-control" name="segmentCust" id="segmentCust">
                                <option value="Goverment" disabled selected hidden>Choose Customer's Segment</option>
                                <option value="Goverment">Goverment</option>
                                <option value="Corporate">Corporate</option>
                            </select>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>

```

Listing Program 4.143 Lanjutan View data customer am

```

        <option
value="BUMN">BUMN</option>
        <option
value="Academy">Academy</option>
    </select>
</div>
<div class="form-group">
    <label>Email</label>
    <input      name="emailCust"
id="emailCust"    type="email"    required=""    class="form-control"
placeholder="Fill Email Customer">
</div>
<div class="form-group">
    <label>Telephone</label>
    <input      name="contactCust"
id="contactCust"    type="text"    required=""    class="form-control"
placeholder="Fill Telephone Customer">
</div>
<div class="form-group">
    <label>Customer's
PIC</label>
    <table          class=""
id="dynamic_field">
        <tr>
            <td><input
type="text"  name="namaPIC[]"  placeholder="Nama PIC"  class="form-
control name_list" required="" /></td>
            <td><input
type="text"  name="emailPIC[]"  placeholder="Email"  class="form-
control name_list" required="" /></td>
            <td><input
type="text"  name="telpPIC[]"  placeholder="No. Telp"  class="form-
control name_list" required="" /></td>
            <td><button
type="button"  name="add"  id="add"  onclick="reply_clickB(this.id)"
class="btn btn-primary"><i class="fa fa-plus"></i></button></td>
        </tr>
    </table>
</div>
</div>

```

Listing Program 4.144 Lanjutan View data customer am

```


<input type="submit" id="addPlan" name="addPlan" value="Add" class="btn btn-primary">
    <button type="button" class="btn btn-danger" data-dismiss="modal">Close</button>
</div>
</form>
</div>
</div>
<!-- end of modal -->



| Nama Customer | Segment | Email | Action |
|---------------|---------|-------|--------|
|               |         |       |        |


<?php
foreach ($customer as $dataCust) {
?>


```

Listing Program 4.145 Lanjutan View data customer am

```

<tr>
    <td><?=
$dataCust->nama_customer; ?></td>
    <td>
        <?php if ($dataCust->segment
== 'Goverment') { ?>
            <center>
                <a class="badge
badge-warning text-white"> Goverment </a>
            </center>
        <?php } elseif
($dataCust->segment == 'Corporate') { ?>
            <center>
                <a class="badge
badge-success text-white"> Corporate </a>
            </center>
        <?php } elseif
($dataCust->segment == 'BUMN') { ?>
            <center>
                <a class="badge
badge-dark text-white"> BUMN </a>
            </center>
        <?php } else { ?>
            <center>
                <a class="badge
badge-primary text-white"> Academy </a>
            </center>
        <?php } ?>
    </td>
    <td><?=
$dataCust->email; ?></td>
        <?php if ($dataCust->id_am ==
$this->session->userdata('id_am')) {
            ?>
            <td>
                <center>

```

Listing Program 4.146 Lanjutan View data customer am

```

        <a class="btn btn-xs
btn-warning text-white" id="ButtonIdCust" data-idcustomer=<?=
$dataCust->id_customer; ?>" data-toggle="modal" data-
target="#editCustomer<?= $dataCust->id_customer; ?>"><i data-
toggle="tooltip" title="Detail Data" class="fas fa-pen-
square"></i></a>

        <a class="btn btn-xs
btn-danger customerDelete" href=<?=
base_url('activity_am/deleteCust?id='
. $dataCust->id_customer); ?>"><i data-toggle="tooltip" title="Delete
Data" class="fas fa-trash"></i></a>

        <center>

        </td>
    <?php } else {
    ?>
        <td>
            <center>
                <a class="btn btn-xs
btn-info text-white" data-toggle="modal" data-
target="#editCustomer<?= $dataCust->id_customer; ?>">
                    <i data-
toggle="tooltip" title="View Data" class="fas fa-eye"></i>
                </a>
            <center>

            </td>
        <?php }; ?>
    </tr>
    <?php     } ?>
</tbody>
</table>
</div>
</div>
<!-- Modal Edit--&gt;
&lt;?php
foreach ($customer as $dataCust) {
    $idCust = $dataCust-&gt;id_customer;
</pre>

```

Listing Program 4.147 Lanjutan View data customer am

```

$namaCust = $dataCust->nama_customer;
$segment = $dataCust->segment;
$email = $dataCust->email;
$contact = $dataCust->contact;

?>



##### Customer Detail



&times;


```

Listing Program 4.148 Lanjutan View data customer am

```

        <select class="form-control"
name="SegmentCust" id="SegmentCust" required>
            <option
value="Goverment" <?php if ($segment == "Goverment") {
echo "selected=\\"selected\\"";
}
?>>Goverment</option>
            <option
value="Corporate" <?php if ($segment == "Corporate") {
echo "selected=\\"selected\\"";
}
?>>Corporate</option>
            <option value="BUMN"
<?php if ($segment == "BUMN") {
echo "selected=\\"selected\\"";
}
?>>BUMN</option>
            <option value="Academy"
<?php if ($segment == "Academy") {
echo "selected=\\"selected\\"";
}
?>>Academy</option>
        </select>
    </div>

    <div class="form-group">
        <label>E-mail</label>
        <input name="Email" id="Email" class="form-control" value="<?= $email ?>">
    </div>
    <div class="form-group">
        <label>Telephone</label>
        <input name="Contact" id="Contact" class="form-control" value="<?= $contact ?>">
    </div>

```

Listing Program 4.149 Lanjutan View data customer am

```

<div class="form-group">
    <label>PIC</label>
    <table class="" id="dynamic_fields<?= $dataCust->id_customer ?>">
        <?php $i = 0;
        foreach ($pic as $dataPic) {
            if
            ($dataPic->id_customer == $dataCust->id_customer && $dataCust->id_am
            == $this->session->userdata('id_am')) {
                if ($i == 0) {
                    $i++; ?>
                <tr id="<?=
                $dataCust->id_customer ?>rows">
                    <td><input
                    value="<?= $dataPic->nama_pic ?>" type="text" name="namaPIC[]"
                    placeholder="Nama PIC" class="form-control name_list" /></td>
                    <td><input
                    value="<?= $dataPic->email ?>" type="text" name="emailPIC[]"
                    placeholder="Email" class="form-control name_list" /></td>
                    <td><input
                    value="<?= $dataPic->telp ?>" type="text" name="telpPIC[]"
                    placeholder="No. Telp" class="form-control name_list" /></td>
                    <td><button
                    type="button" name="adds<?= $dataCust->id_customer ?>" id="adds<?=
                    $dataCust->id_customer ?>" onclick="reply_clickA(this.id,this.value)" value="<?=
                    $dataCust->id_customer ?>" class="btn btn-primary"><i class="fa fa-
                    plus"></i></button></td>
                </tr>
            <?php } else {
                $i++; ?>
                <tr id="<?=
                $dataCust->id_customer ?>rows<?= $i ?>" class="dynamic-added">
                    <td><input
                    value="<?= $dataPic->nama_pic ?>" type="text" name="namaPIC[]"
                    placeholder="Nama PIC" class="form-control name_list" /></td>
                    <td><input
                    value="<?= $dataPic->email ?>" type="text" name="emailPIC[]"
                    placeholder="Email" class="form-control name_list" /></td>
                    <td><input
                    value="<?= $dataPic->telp ?>" type="text" name="telpPIC[]"
                    placeholder="No. Telp" class="form-control name_list" /></td>
                </tr>
            
```

Listing Program 4.150 Lanjutan View data customer am

```

<td><button
type="button" name="remove" id="<?= $i ?>" class="btn btn-danger
btn_removedA" ><i class="fa fa-times" aria-
hidden="true"></i></button></td>

</tr>
<?php }

} else if
($dataPic->id_customer == $dataCust->id_customer &&
$dataCust->id_am != $this->session->userdata('id_am')) { ?>
<?php if ($i == 0)
{

\$i++;

} ?>

<tr id="<?=
$dataCust->id_customer ?>rows">

<td><input
value="<?= $dataPic->nama_pic ?>" type="text" name="namaPIC[]"
placeholder="Nama PIC" class="form-control name_list" /></td>

<td><input
value="<?= $dataPic->email ?>" type="text" name="emailPIC[]"
placeholder="Email" class="form-control name_list" /></td>

<td><input
value="<?= $dataPic->telp ?>" type="text" name="telpPIC[]"
placeholder="No. Telp" class="form-control name_list" /></td>

</tr>
<?php
}

} ?>
</table>
</div>

</div>

<div class="modal-footer bg-footer-
modal no-bd">

<?php if ($dataCust->id_am ==
$this->session->userdata('id_am')) { ?>
<input type="submit"
id="updatePlan" name="updatePlan" class="btn btn-primary"
value="Edit">
<?php } else {} ?>

```

Listing Program 4.151 Lanjutan View data customer am

```

        <button type="button" class="btn
btn-warning" data-dismiss="modal">Back</button>
    </div>
</form>
</div>
</div>
<?php } ?>

</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<link rel="stylesheet" href="<?php echo base_url()
'assets/css/jquery-ui.css' ?>">
<script src="<?= base_url('assets/') ?>js/core/jquery.min.js"></script>
<script src="<?= base_url('/assets/js/plugin/datatables/datatables.min.js') ?>"></script>
<script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
<script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>

<script type="text/javascript">
    let i = <?php if ($i) {
        echo $i;
    } else {
        echo $i = 0;
    } ?>;
    console.log(<?= $this->session->userdata('id_am'); ?>)
    let idcustomer = 0;
    let clickid;

```

Listing Program 4.152 Lanjutan View data customer am

```

$(document).on('click', '#ButtonIdCust', function() {
    idcustomer = $(this).data('idcustomer');
    console.log("customer" + idcustomer);
});

$(document).on('click', '.btn_removedA', function() {
    var button_id = $(this).attr("id");
    console.log("customer" + idcustomer);
    console.log("id" + button_id);
    $('#' + idcustomer + 'rows' + button_id).remove();
});

function reply_clickA(clicked_id, customer) {
    console.log(customer);
    clickid = clicked_id,
    idcustomer = customer;

    i++;

    $('#dynamic_fields' + idcustomer).append('<tr id="' + idcustomer + 'rows' + i + '" class="dynamic-addeds"> <td><input type="text" name="namaPIC[]" placeholder="Nama PIC" class="form-control name_list" required="" /></td><td><input type="text" name="emailPIC[]" placeholder="Email" class="form-control name_list" required="" /></td><td><input type="text" name="telpPIC[]" placeholder="No. Telp" class="form-control name_list" required="" /></td><td><button type="button" name="remove" id="' + i + '" class="btn btn-danger btn_removedA"><i class="fa fa-times" aria-hidden="true"></i></button></td></tr>');
}

function reply_clickB(clicked_id) {
    console.log(clicked_id);
    clickid = clicked_id,
    i++;

    $('#dynamic_field').append('<tr id="' + clickid + 'row' + i + '" class="dynamic-addeds"> <td><input type="text" name="namaPIC[]" placeholder="Nama PIC" class="form-control name_list" required="" /></td><td><input type="text" name="emailPIC[]" placeholder="Email" class="form-control name_list" required="" /></td><td><input type="text" name="telpPIC[]" placeholder="No. Telp" class="form-control name_list" required="" /></td><td><button type="button" name="remove" id="' + i + '" class="btn btn-danger btn_removedB">
```

Listing Program 4.153 Lanjutan View data customer am

```

<i class="fa fa-times" aria-hidden="true"></i></button></td></tr>');
}

$(document).on('click', '.btn_removedB', function() {
    var button_id = $(this).attr("id");
    $('#addrow' + button_id).remove();
});

</script>
<script>

$(document).ready(function() {
    $('#multi-filter-select').DataTable({
        order: [
            [3, 'asc']
        ],
        "pageLength": 5,
        initComplete: function() {
            this.api().columns().every(function() {
                var column = this;
                var select = $('<select class="form-control"><option value=""></option></select>')
                    .appendTo($(column.footer()).empty())
                    .on('change', function() {
                        var val = $.fn.dataTable.util.escapeRegex(
                            $(this).val()
                        );
                        column
                            .search(val ? '^' + val + '$' : '', true,
false)
                            .draw();
                    });
                column.data().unique().sort().each(function(d, j) {
                    select.append('<option value="' + d + '">' + d +
'</option>')
                });
            });
        },
        ,});});</script>

```

Listing Program 4.154 Lanjutan View data customer am

```

<----- Include the above in your HEAD tag ----->

<style>
    .dataTables_wrapper .dataTables_filter {
        float: right;
        text-align: right;
        visibility: hidden;
    }
    .dataTables_wrapper {
        margin-top: -3%;
    }
</style>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.1.0/css/all.css" integrity="sha384-lKuwvrZot6UHsBSfcMvOkWwlCMgc0TaWr+30HWe3a4ltaBwTzhyTEggF5tJv8tbt" crossorigin="anonymous">

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="row justify-content-center logmargin">
                            <div class="col-12 col-md-10 col-lg-8">
                                <form class="card card-sm">
                                    <div class="card-body bg-body-tabel row no-gutters align-items-center">
                                        <div class="col-auto">
                                            <i class="h4 text-body"></i>
                                        </div>
                                        <!--end of col-->
                                        <div class="col ">
                                            <input class="form-control form-control-lg form-control-borderless" id="customSearchBox" type="search" placeholder="Search activity or keywords">
                                        </div><!--end of col-->
                                    </div>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

Listing Program 4.155 View log am

```

<div class="col-auto">
    <i class="fas fa-search fa-3x"></i>
</div>
<!--end of col-->
</div>
</form>
</div>
</div>
<div class="card-body bg-body-tabel">
    <div class="table-responsive">
        <table id="multi-filter-select" class="display table table-striped table-hover" cellspacing="0" width="100%">
            <thead>
                <tr>
                    <th>Tiers</th>
                    <th>Date</th>
                    <th>Activity</th>
                    <th>Customer Name</th>
                    <th>Noted</th>
                </tr>
            </thead>
            <tbody>
                <?php
                    foreach ($plans as $plan) {
                ?>
                <tr>
                    <td>
                        <?php
                            if ($plan->done == 0) {
                        ?>
                            <badge class="badge badge-warning">Plan</badge>
                        </td>
                    </tr>
                </tbody>
            </table>
        </div>
    </div>

```

Listing Program 4.156 Lanjutan *View log am*

```

        <?php
    } else {
?>
            <badge          class="badge
badge-success">Done</badge>
        <?php
    }
?>
</td>
<td>
<?php  if  ($plan->time == "0000-00-00") {
        echo "Not Set Yet";
} else {
        echo date("d-F-Y",
strtotime($plan->time));
} ?>
</td>
<td><?=
$plan->name_activity; ?></td>
<td><?=
$plan->nama_customer; ?></td>
<td><?= $plan->note; ?></td>
</tr>
<?php     } ?>
</tbody>
</table>
</div>
<!--end of col-->
</div>
</div>
</div>
</div>
</div>
</div>

```

Listing Program 4.157 Lanjutan View log am

```

<link rel="stylesheet" href="php echo base_url() . 'assets/css/jquery-ui.css' ?"&gt;
&lt;script src="<?php echo base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;

&lt;script&gt;
$(document).ready(function() {

    var users = $('#multi-filter-select').DataTable({
        "columns": [
            {
                "width": "10%"
            },
            {
                "width": "15%"
            },
            {
                "width": "20%"
            },
            {
                "width": "20%"
            },
            {
                "width": "25%"
            }
        ],
        "order": [
            [0, "desc"]
        ],
        "bLengthChange": false,
        "info": true,
        "pageLength": 10,
        initComplete: function() {
            this.api().columns().every(function() {
</pre

```

Listing Program 4.158 Lanjutan *View log am*

```

        var column = this;

        var select = $('<select class="form-control"><option value=""></option></select>')

            .appendTo($(column.footer()).empty())
            .on('change', function() {
                var val = $.fn.dataTable.util.escapeRegex(
                    $(this).val()
                );
                column
                    .search(val ? '^' + val + '$' : '', true,
false)
                    .draw();
            });

            column.data().unique().sort().each(function(d, j) {
                select.append('<option value="' + d + '">' + d +
'</option>');
            });
        });

        $('#customSearchBox').keyup(function() {
            users.search($(this).val()).draw();
        });
    });
</script>

```

Listing Program 4.159 Lanjutan *View log am*

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">

```

Listing Program 4.160 *View plan am*

```

        <h4 class="card-title" style="color:#fff">Plan</h4>

        <button id="showModal" class="btn btn-warning btn-round ml-auto" data-toggle="modal" data-target="#addPlan">
            <i class="fa fa-plus"></i>
            Add Plan
        </button>
    </div>
</div>

<div class="card-body bg-body-tabel">
    <!-- Modal Plan-->
    <div class="modal fade" id="addPlan" tabindex="-1" role="dialog" aria-hidden="true">
        <div class="modal-dialog modal-lg" role="document">
            <div class="modal-content bg-modal">
                <div class="modal-header bg-head-modal no-bd">
                    <h5 class="modal-title">
                        <span class="fw-mediumbold">
                            Add Plan</span>
                    </h5>
                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true" text-white">&times;</span>
                    </button>
                </div>
                <div class="modal-body bg-body-modal">
                    <form action="<?= base_url('activity_am/addPlan') ?>" method="post">
                        <div class="row">
                            <div class="col-6">
                                <div class="form-group">

```

Listing Program 4.161 Lanjutan View plan am

```

        <label>Name
Activity</label>

        <input
name="name_activity" id="name_activity" type="text" class="form-
control" required placeholder="Fill Name Activity">
        </div>

        <div class="form-
group ui-front">

        <label>Customer</label>

        <input
id="customer" name="customer" type="text" class="form-control"
required placeholder="Fill Customer">

        <input id="id"
name="id_customer" type="hidden" class="form-control" required
placeholder="Fill Customer">
        </div>

        <div class="form-
group">

        <label>Type</label>

        <select
id="type" name="type" class="form-control" required>

        <option
value="" disabled selected hidden>Choose Plan Type</option>
        <option
value="1">Call</option>
        <option
value="2">Administration</option>
        <option
value="3">Email/Fax</option>
        <option
value="4">Customer Meeting</option>
        <option
value="5">Visitation</option>
        <option
value="6">Product Presentation</option>
        </select>
        </div>
        </div>
        <div class="col-6">

```

Listing Program 4.162 Lanjutan View plan am

```

<div class="form-group">

    <label>Stage</label>
    <select id="stage" name="stage" required class="form-control">
        <option value="" disabled selected hidden>Choose Plan Stage</option>
        <option value="1">Open Prospect</option>
        <option value="2">Prospecting Progress </option>
        <option value="3">Closing Deal</option>
        <option value="4">Fail</option>
        <option value="5">Project Progress</option>
    </select>
</div>

<div class="form-group">

    <label>Date</label>
    <input id="time" name="time" required placeholder="dd/mm/yyyy" type="" class="form-control time">
</div>

<div class="form-group">

    <label>Noted</label>
    <textarea name="note" id="note" class="form-control"></textarea>
</div>

</div>

<div class="modal-footer bg-footer-modal no-bd">

<input type="submit" id="addingPlan" name="addingPlan" class="btn btn-primary" value="Add">

```

```

        <button type="button"
class="btn btn-danger" data-dismiss="modal">Close</button>
    </div>
</form>
</div>
</div>
</div>
<!-- Akhir Modal Plan -->
<div class="table-responsive">
    <table id="multi-filter-select"
class="display table table-striped table-hover" cellspacing="0"
width=100%>
        <thead>
            <tr>
                <th>Date</th>
                <th>Activity</th>
                <th>Customer Name</th>
                <th>Type</th>
                <th>Stage</th>
                <th>Action</th>
            </tr>
        </thead>
        <tfoot>
            <tr>
                <th>Date</th>
                <th>Activity</th>
                <th>Customer Name</th>
                <th>Type</th>
                <th>Stage</th>
            </tr>
        </tfoot>
        <tbody>
            <?php

```

Listing Program 4.164 Lanjutan View plan am

```

foreach ($plans as $plan) {
    ?>
    <tr>
        <td>
            <?php if ($plan->time
== "0000-00-00") {
                echo "Not Set Yet";
            } else {
                echo date("d-F-Y",
strtotime($plan->time));
            } ?>
        </td>
        <td><?= $plan->name_activity; ?></td>
        <td><?= $plan->nama_customer; ?></td>
        <td> <?= $plan->type; ?></td>
        <td><?= $plan->stage; ?></td>

        <td class="text-white ">
            <a class="btn btn-xs
btn-warning text-white" data-toggle="modal" data-target="#editPlan"
id="buttonEditPlan" data-idplan=<?= $plan->id_activity ?>" data-
nama=<?= $plan->name_activity ?>" data-type=<?= $plan->id_type ?>" data-
time=<?= date("d-m-Y", strtotime($plan->time)); ?>" data-
customer=<?= $plan->nama_customer ?>" data-idcust=<?= $plan->id_customer ?>" data-
idstage=<?= $plan->id_stage ?>" data-
noted=<?= $plan->note ?> "><i data-toggle="tooltip" title="Detail
Data" class="fas fa-pen-square"></i></a>
            <a class="btn btn-xs
btn-danger planDelete" href=<?= base_url('activity_am/index?id=' .
$plan->id_activity); ?>" id="planDelete" data-toggle="tooltip"
title="Delete Data"><i class="fas fa-trash"></i> </a>
            <a class="btn btn-xs
btn-success planDone" href=<?= base_url(); ?>activity_am/update/<?= $plan->id_activity ?>" id="planDone" data-toggle="tooltip"
title="Done"><i class="fas fa-check"></i></a>
        </td>
    </tr>
<?php } ?>

```

Listing Program 4.165 Lanjutan View plan am

```

        </tbody>
    </table>
</div>
</div>
<!-- Modal Edit -->
<div class="modal fade" id="editPlan" tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg" role="document">
        <div class="modal-content bg-modal">
            <div class="modal-header bg-head-modal no-bd">
                <h5 class="modal-title">
                    <span class="fw-mediumbold">
                        Edit Plan</span>
                </h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body bg-body-modal">
                <form id="formUpdatePlan" action="= base_url('activity_am/UpdatePlan') ?&gt;" method="post"&gt;
                    &lt;div class="row"&gt;
                        &lt;div class="col-6"&gt;
                            &lt;div class="form-group"&gt;
                                &lt;label&gt;Activity&lt;/label&gt;
                                &lt;input name="EditIdPlan" id="EditIdPlan" type="hidden" class="form-control" required&gt;
                                &lt;input name="EditNamePlan" id="EditNamePlan" type="text" class="form-control" required&gt;
                            &lt;/div&gt;
                        &lt;/div&gt;
                    &lt;/div&gt;
                &lt;/form&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/div&gt;
&lt;/div&gt;
</pre

```

Listing Program 4.166 Lanjutan View plan am

```

        </div>
        <div class="form-group
ui-front">
    <label>Customer</label>
        <input
id="EditNameCust" name="EditNameCust" type="text" class="form-
control" placeholder="Fill Customer" required>
        <input
id="EditIdCust" name="EditIdCust" type="hidden" value="" class="form-control" placeholder="Fill Customer" required>
        </div>
        <div class="form-
group">

    <label>Type</label>
        <select
id="EditType" name="EditType" class="form-control" required>
            <option
value="1">Call</option>
            <option
value="2">Administration</option>
            <option
value="3">Email/Fax</option>
            <option
value="4">Customer Meeting</option>
            <option
value="5">Visitation</option>
            <option
value="6">Product Presentation</option>
        </select>
    </div>
    <div class="col-6">
        <div class="form-
group">

    <label>Stage</label>
        <select
id="EditStage" name="EditStage" class="form-control" required>
            <option
value="1">Open Prospect</option>
            <option
value="2">Prospecting Progress </option>
            <option
value="3">Closing Deal</option>

```

Listing Program 4.167 Lanjutan View plan am

```

        <option
value="4">Fail</option>
        <option
value="5">Project Progress</option>
    </select>
</div>
<div      class="form-
group">

    <label>Date</label>
        <input
id="EditTime" name="EditTime" placeholder="dd / mm / yyyy" type=""
class="form-control time">
    </div>
<div      class="form-
group">

    <label>Noted</label>
        <textarea
name="EditNote" id="EditNote" class="form-control"></textarea>
    </div>
    </div>
</div>
<div  class="modal-footer bg-footer-
modal no-bd">
    <input          type="submit"
id="sweetUpdatePlan"  name="updatePlan"  class="btn  btn-primary"
value="Edit">
    <button  type="button"  class="btn
btn-warning" data-dismiss="modal">Back</button>
    </div>
    </form>
    </div>
    </div>
    <!--Akhir Edit Plan -->
</div>
</div>
</div>

```

Listing Program 4.168 Lanjutan View plan am

```

</div>

<link rel="stylesheet" href="php echo base_url() . 'assets/css/jquery-ui.css' ?&gt;"&gt;
&lt;script src="<?php echo base_url('assets/') ?&gt;js/core/jquery.min.js"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?&gt;" type="text/javascript"&gt;&lt;/script&gt;
&lt;script src="<?php echo base_url('/assets/js/plugin/datatables/datatables.min.js') ?&gt;"/&gt;&lt;/script&gt;
&lt;script&gt;
$(document).on('click', '#showModal', function() {
    var now = new Date();
    var day = ("0" + now.getDate()).slice(-2);
    var month = ("0" + (now.getMonth() + 1)).slice(-2);
    var today = (day) + "-" + (month) + "-" + now.getFullYear();
    $('#time').val(today);
});

$(document).on('click', '#buttonEditPlan', function() {
    var EditIdPlan = $(this).data('idplan');
    var EditNamePlan = $(this).data('nama');
    var EditType = $(this).data('type');
    var EditNameCust = $(this).data('customer');
    var EditIdCust = $(this).data('idcust');
    var EditStage = $(this).data('idstage');
    var EditNote = $(this).data('noted');
    var EditTime = $(this).data('time');
    $("#EditIdPlan").val(EditIdPlan);
    $("#EditNamePlan").val(EditNamePlan);
    $("#EditType").val(EditType);
    $("#EditNameCust").val(EditNameCust);
    $("#EditIdCust").val(EditIdCust);
});
</pre

```

Listing Program 4.169 Lanjutan View plan am

```

        $("#" + EditStage).val(EditStage);
        $("#" + EditNote).val(EditNote);
        $("#" + EditTime).val(EditTime);

    });
</script>
<script type="text/javascript">
$(document).ready(function() {

    $('.time').datepicker({
        dateFormat: 'dd-mm-yy'
    });

    $('#EditNameCust').autocomplete({
        minLength: 0,
        source: "<?php echo base_url('activity_am/get_autocomplete'); ?>",
        select: function(event, ui) {

            $('[name=' + "EditNameCust" + ']').val(ui.item.EditNameCust);
            $('[name=' + "EditIdCust" + ']').val(ui.item.id);
        },
        change: function(event, ui) {
            if (ui.item == null || ui.item == undefined) {
                $("#" + EditNameCust).val("");
                $("#" + EditNameCust).attr("disabled", false);
            } else {
                $("#" + EditNameCust).attr("disabled", false);
            }
        }).focus(function() {
            $(this).autocomplete("search", $(this).val());
        });
    });
</script>

```

Listing Program 4.170 Lanjutan View plan am

```

<script type="text/javascript">

$(document).ready(function() {

    $("#customer").autocomplete({
        minLength: 0,
        source: "<?php echo base_url('activity_am/get_autocomplete'); ?>",
        select: function(event, ui) {
            $('[name="customer"]').val(ui.item.customer);
            $('[name="id_customer"]').val(ui.item.id);
        },
        change: function(event, ui) {
            if (ui.item == null || ui.item == undefined) {
                $("#customer").val("");
                $("#customer").attr("disabled", false);
            } else {
                $("#customer").attr("disabled", false);
            }
        }
    }).focus(function() {
        $(this).autocomplete("search", $(this).val());
    });
});

</script>
<script>

$(document).ready(function() {
    $('#multi-filter-select').DataTable({
        "columns": [{

            "width": "15%"

        },
        {

            "width": "25%"

        },
        {

            "width": "25%"

        },
        {

            "width": "25%"

        }
    });
});

```

Listing Program 4.171 Lanjutan View plan am

```

        null,
        null,
        null,
        {
            "width": "15%"
        }
    ],
    "order": [
        [0, "desc"]
    ],
    "pageLength": 5,
    initComplete: function() {
        this.api().columns().every(function() {
            var column = this;
            var select = $('<select> class="form-control"><option value=""></option></select>');
            select.appendTo($(column.footer()).empty())
            .on('change', function() {
                var val = $.fn.dataTable.util.escapeRegex(
                    $(this).val()
                );
                column
                    .search(val ? '^' + val + '$' : '',
true, false)
                    .draw();
            });
            column.data().unique().sort().each(function(d, j) {
                select.append('<option value="' + d + '">' +
d + '</option>');
            });
        });
    }
});</script>

```

Listing Program 4.172 Lanjutan View plan am

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">Privacy Policy</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel text-justify text-muted">

                        <p class="text-justify">
                            Our Privacy Policy explains how we and some of the companies we work with collect, use, share and protect information in relation to our website and your choices about the collection and use of your information.
                        </p>

                        This website also consistent with the terms and conditions of this Privacy Policy and our Terms of Use (which can be found at http://www.gamatechno.com/).
                    </div>
                </div>
            </div>
        </div>
        <p class="text-justify ">
            Our Policy applies to all visitors, users, and others who access the Service ("Users").
            <br><br> 1. INFORMATION WE COLLECT
            <br> We collect the following types of information. Information you provide us directly:
            <br>Your username, password account.
            <br>Profile information that you provide for your user profile (e.g., first and last name, picture, phone number).
            User Content (e.g., photos, comments, and other materials) that you post to the Service.
        </p><p>

```

Listing Program 4.173 View privacy am

2. HOW WE USE YOUR INFORMATION

 In addition to some of the specific uses of information we describe in this Privacy Policy, we may use information that we receive to:

help you efficiently access your information after you sign in

remember information so you will not have to re-enter it during your visit or the next time you visit the Service

provide personalized content and information to you and others, which could include online ads or other forms of marketing

provide, improve, test, and monitor the effectiveness of our Service

develop and test new products and features

</p>

<p>

3. HOW TO CONTACT US

 If you have any questions about this Privacy Policy or the Service, please find the appropriate support channel as SPV / Help Center at which to contact us.

</p>

</div>

</div>

</div>

</div>

</div>

</div>

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-10 mx-auto">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div>
                            <h4      class="card-title"      align="center"
style="color: white">My Profile</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel">
                        <center>
                            <div class="avatar avatar-xxl">
                                
                            <h5      class="card-title"      align="center">
<?= $profile->nama_am; ?></h5>
                            </div>
                        </center>
                        <?php
echo
form_open_multipart('activity_am/UpdateProfile'); ?>
                        <div class="form-group">
                            <label for="username">Code</label>
                            <input      type="text"      class="form-control"
id="kode_am"      name="kode_am"      value="<?=      $profile->kode_am; ?>" 
readonly>
                        </div>
                        <div class="form-group">
                            <label for="name">Name</label>
                            <input      type="text"      class="form-control"
id="nama_am"      name="name_am"      value="<?=      $profile->nama_am; ?>">
                        </div>
                        <div class="form-group">
                            <label for="password">Password</label>

```

Listing Program 4.175 View profile am

```

        <input type="password" class="form-control"
id="password-field" name="password" value="<?=
$profile->password; ?>">
        <span toggle="#password-field" class="fa fa-
fa-eye field-icon toggle-password"></span>
    </div>
    <div class="form-group">
        <label for="previlege">Previlege</label>
        <input type="text" class="form-control"
id="previlege" name="previlege" value="<?= $profile->previlege; ?>" readonly>
    </div>
    <div class="form-group">
        <label for="name">Photo</label>
        <input type="file" class="form-control"
id="foto_am" name="foto_am">
    </div>
    <div class="modal-footer no-bd">
        <button type="submit" name="change" class="btn no-bd btn-warning">Change</button>
    </div>
    <?php echo form_close(); ?>
</div></div></div></div></div>
</div>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.
js"></script>
<script>
    $(".toggle-password").click(function() {
        $(this).toggleClass("fa-eye fa-eye-slash");
        var input = $($this).attr("toggle"));
        if (input.attr("type") == "password") {
            input.attr("type", "text");
        } else {
            input.attr("type", "password");
        });
    });
</script>

```

Listing Program 4.176 Lanjutan View profile am

```

<div class="main-panel addmargin bg-panel">
    <div class="page-inner">
        <div class="row">
            <div class="col-md-12">
                <div class="card bg-tabel">
                    <div class="card-header">
                        <div class="d-flex align-items-center">
                            <h4 class="card-title" style="color: white">Version 1.0</h4>
                        </div>
                    </div>
                    <div class="card-body bg-body-tabel text-justify text-muted">
                        <h3 class="text-center">GT-Marketing</h3>
                        <p class="text-center"> Version : 1.0 <br>
                        </p>
                        <p class="text-center">Consisting of Activity and Prospect for AM and SPV</p>
                    </div>
                    </div>
                </div>
            </div>
        </div>
        <script src="<?=base_url('assets/') ?>js/core/jquery.min.js"></script>
        <script src="<?php echo base_url() . 'assets/js/bootstrap.js' ?>" type="text/javascript"></script>
        <script src="<?php echo base_url() . 'assets/js/jquery-ui.js' ?>" type="text/javascript"></script>
    </div>

```

Listing Program 4.177 View version am

```

<!-- Core JS Files -->
<!-- <script src="<?=base_url('assets/') ?>js/core/jquery.3.2.1.min.js"></script> -->

```

Listing Program 4.178 View footer am

```

<script src="base_url('assets/')?js/core/popper.min.js"></script>
<script src="base_url('assets/')?js/core/bootstrap.min.js"></script>
<!-- jQuery UI -->
<script src="=base_url('assets/')?js/plugin/jquery-ui-1.12.1.custom/jquery-ui.min.js"></script>
<script src="=base_url('assets/')?js/plugin/jquery-ui-touch-punch/jquery.ui.touch-punch.min.js"></script>
<!-- jQuery Scrollbar -->
<script src="=base_url('assets/')?js/plugin/jquery-scrollbar/jquery.scrollbar.min.js"></script>
<!-- Chart JS -->
<!-- 
```

```

<script
src="= base_url('assets/') ?&gt;js/plugin/sweetalert/sweetalert.min.js"&gt;&lt;/script&gt;
&lt;script src="<?= base_url('assets/') ?&gt;js/scriptsweet.js"&gt;&lt;/script&gt;
&lt;!-- Atlantis JS --&gt;
&lt;script src="<?= base_url('assets/') ?&gt;js/atlantis.min.js"&gt;&lt;/script&gt;
&lt;!-- autocomp --&gt;
&lt;/body&gt;
&lt;/html&gt;
</pre

```

Listing Program 4.180 Lanjutan View footer am

4.2 Penjelasan Program

Sistem informasi *marketing* PT Gamatechno Indonesia adalah sebuah sistem yang akan digunakan PT Gamatechno Indonesia di bidang *marketing* yang berisi rencana kegiatan, kegiatan yang telah dilaksanakan, dan laporan kegiatan *Account Manager* (AM) dimana sistem tersebut juga digunakan oleh *Supervisor* (SV) untuk *monitoring* para *Account Manager* (AM). Menu yang disediakan pada sisi *Account Manager* (AM) dengan *Supervisor* (SV) hampir sama. Pada sisi *Account Manager* (AM) disediakan beberapa menu diantaranya *plan*, *activity*, *customer*, *log*, *about*, *privacy policy*, *version*, dan *profile*. Sedangkan pada sisi *Supervisor* (SV) disediakan beberapa menu diantaranya AM, *plan*, *activity*, *customer*, *log*, *about*, *privacy policy*, *version*, dan *profile*.

Pada menu *plan*, baik di sisi AM atau SV kegunaannya sama hanya fungsinya berbeda. Menu *plan* pada AM digunakan untuk membuat sebuah rencana kegiatan untuk hari esok dan melakukan *checklist* untuk memberikan tanda bahwa rencana kegiatan tersebut sudah dilaksanakan. Sedangkan pada sisi SV, menu *plan* hanya menampilkan data rencana kegiatan para AM untuk melakukan proses pemantauan.

Pada menu *activity* di sisi AM digunakan untuk menampilkan hasil rencana kegiatan yang sudah dilaksanakan atau yang sudah di *checklist* pada menu *plan*. Sedangkan menu

activity pada sisi SV digunakan untuk menampilkan data kegiatan AM yang sudah berhasil dilaksanakan.

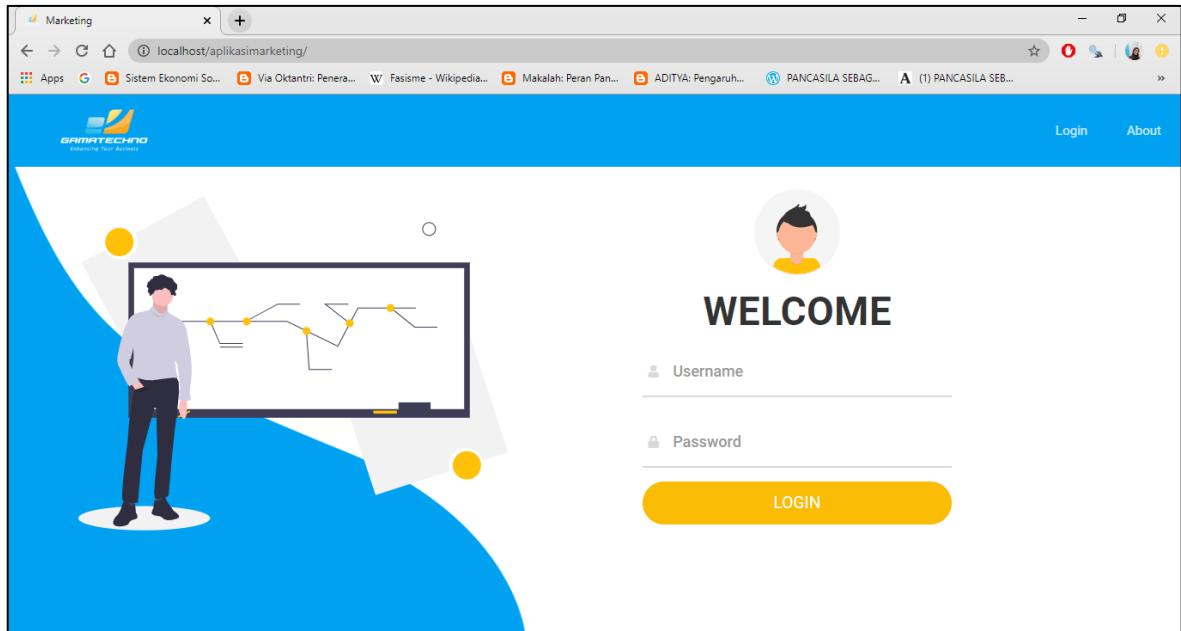
Menu *customer* di sisi AM dan SV mempunyai kegunaan yang sama. Menu *customer* terdiri dari *customer data* yang berisi daftar *customer* yang telah dimasukkan ke dalam sistem, dan menu *customer engagement* berisi intensitas kontak AM kepada *customer* atau *client* yang disajikan dalam bentuk grafik. Di sisi AM, AM dapat menambahkan *customer* dan melakukan *edit* pada menu *customer data*. Sedangkan di sisi SV, SV hanya bisa melakukan *edit customer* tanpa adanya fitur penambahan *customer*.

Pada menu *log*, *about*, *privacy policy*, *profile*, dan *version* baik di sisi AM dan SV memiliki fungsi yang sama. Pada menu *log*, digunakan untuk membantu AM dan SV untuk melakukan *searching plan* dan *activity*. Pada menu *about*, berisi *copyright* dan nama *developer*. Pada menu *privacy policy*, berisi tentang kebijakan sistem yang dikembangkan. Menu *version* berisi tentang versi sistem yang dikembangkan. Sedangkan pada menu *profile* digunakan untuk menampilkan *profile* akun yang terdiri dari kode, nama, *password*, *privilege*, dan foto profil.

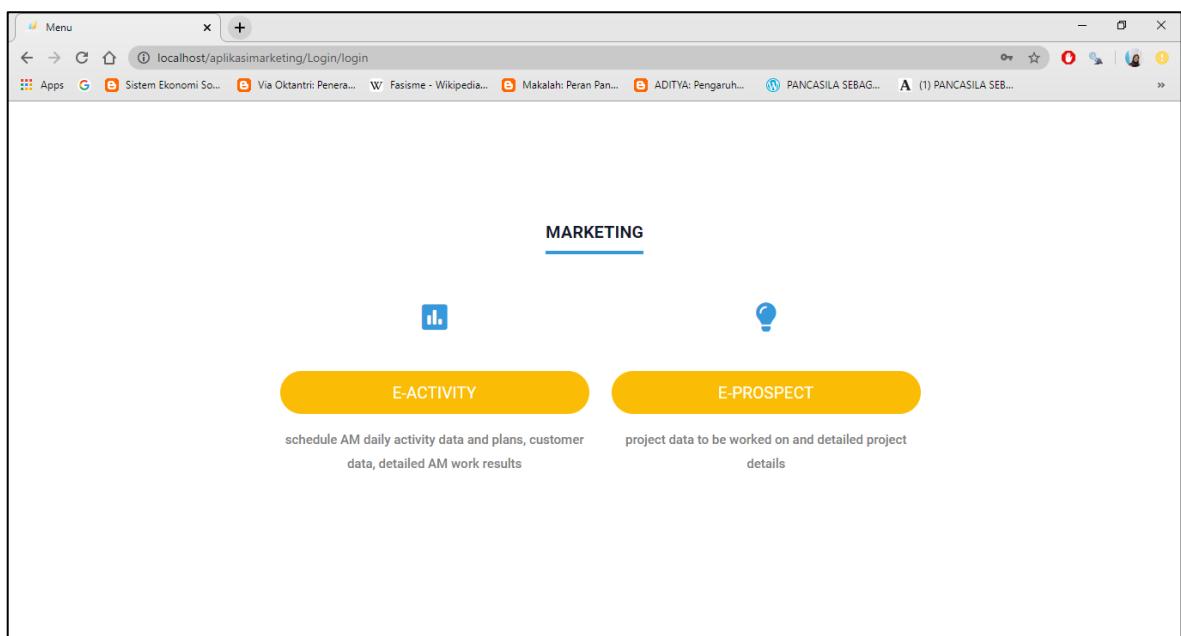
Kemudian pada menu AM pada sisi SV berisi data AM yang aktif. Pada menu ini, SV dapat melakukan penambahan akun, *edit* akun yang nantinya akun yang telah dibuat itu dapat digunakan AM untuk proses *marketing*.

4.3 Output Program

4.3.1 *Login* dan Menu

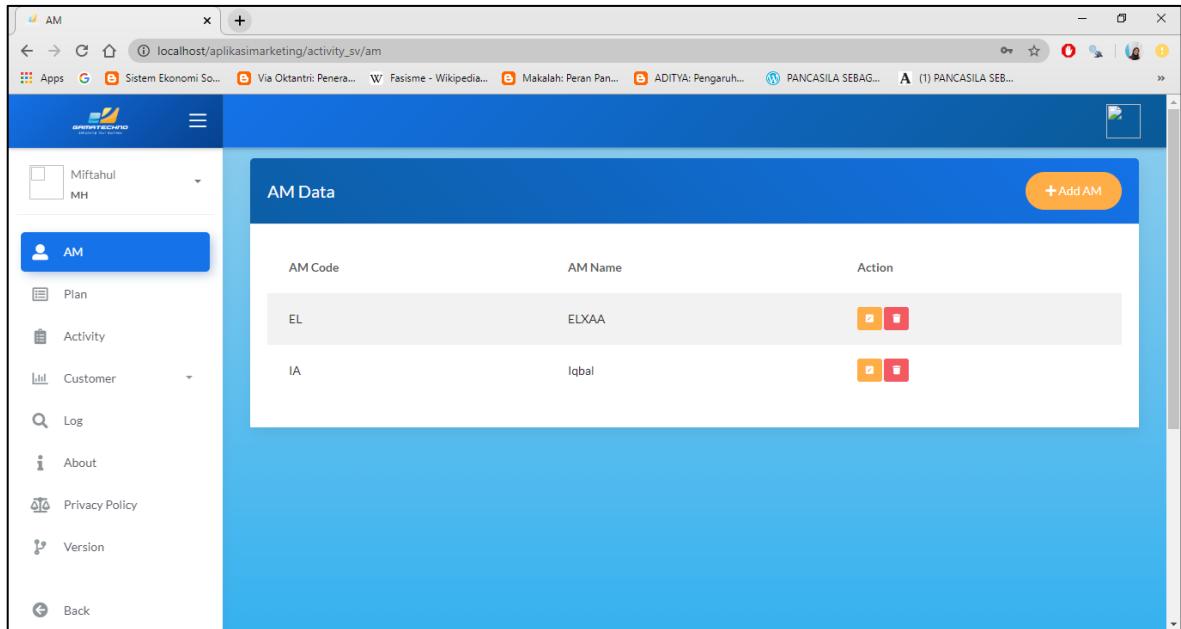
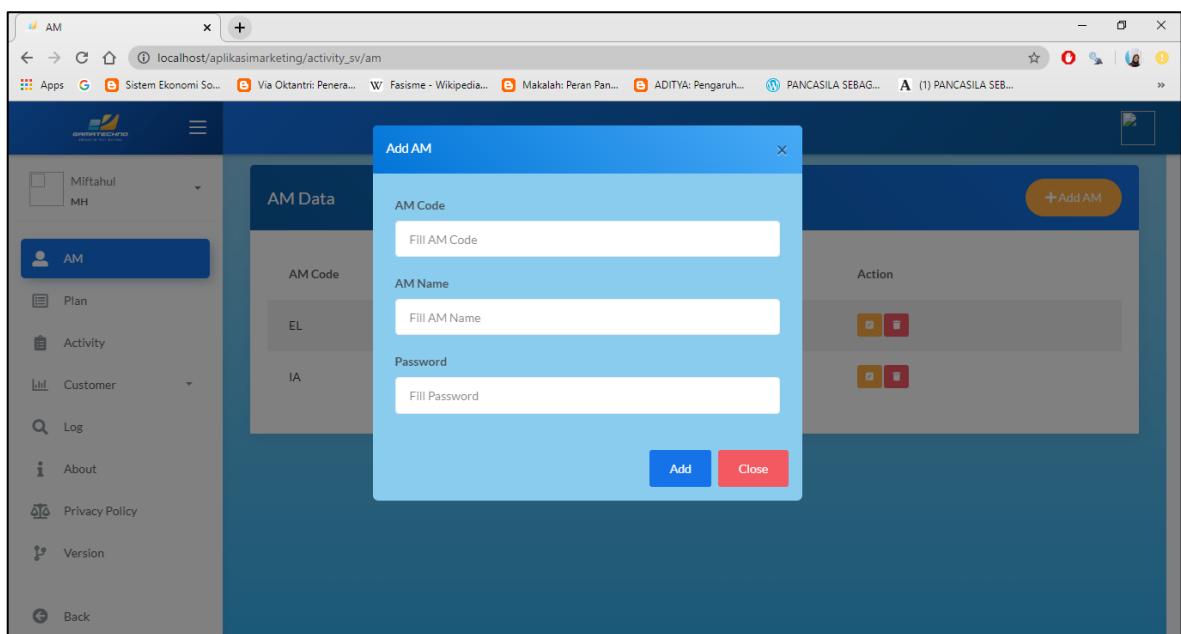


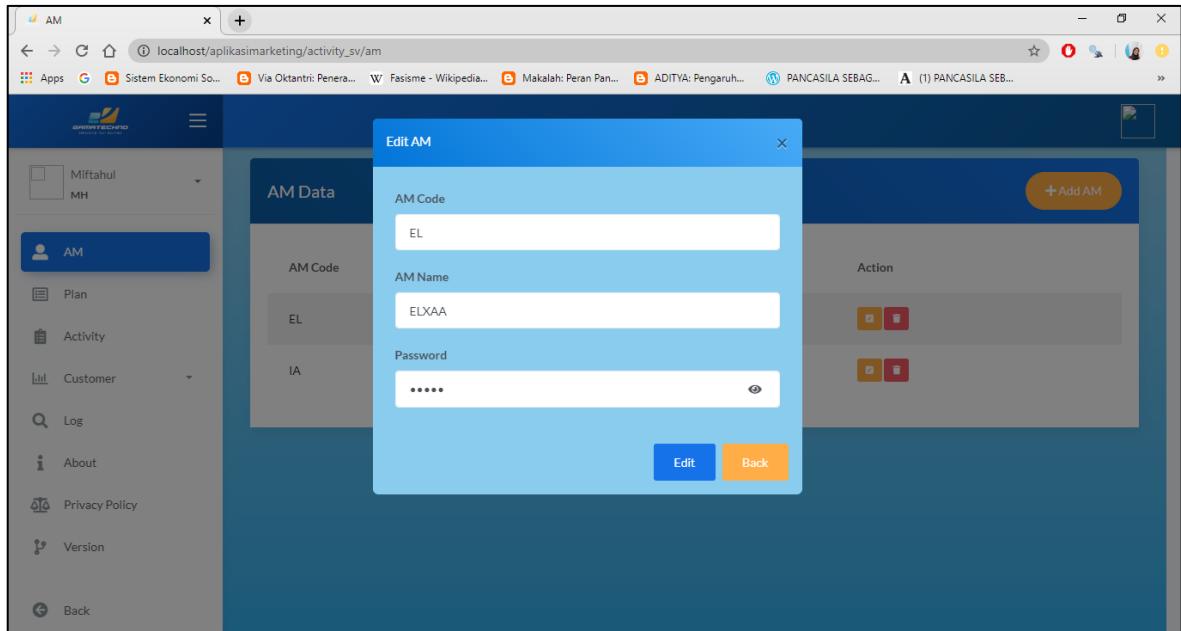
Gambar 4.1 *Login*



Gambar 4.2 *Menu*

4.3.2 Sisi Supervisor (SV)

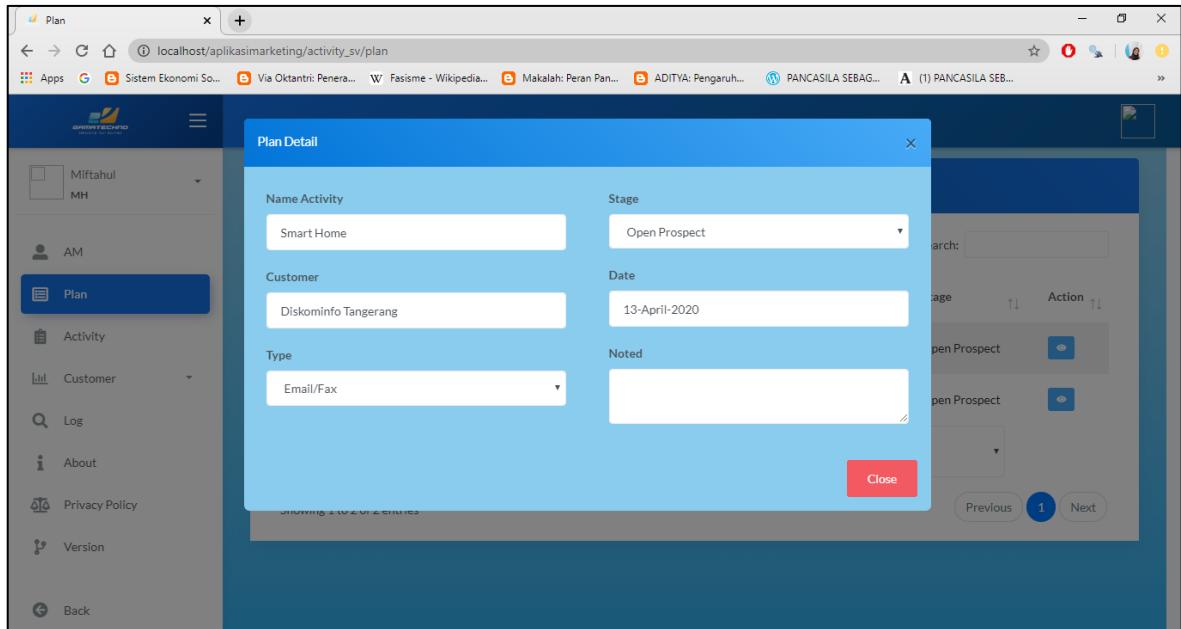
**Gambar 4.3 Sidebar AM****Gambar 4.4 Add AM**



Gambar 4.5 Edit AM

Plan SPV						
AM Name	Date	Customer Name	Activity	Type	Stage	Action
ELXAA	13-April-2020	Diskominfo Tangerang	Smart Home	Email/Fax	Open Prospect	
Iqbal	14-April-2020	Diskominfo Jakarta	Fiksasi Ayee	Call	Open Prospect	
Showing 1 to 2 of 2 entries						
						Previous 1 Next

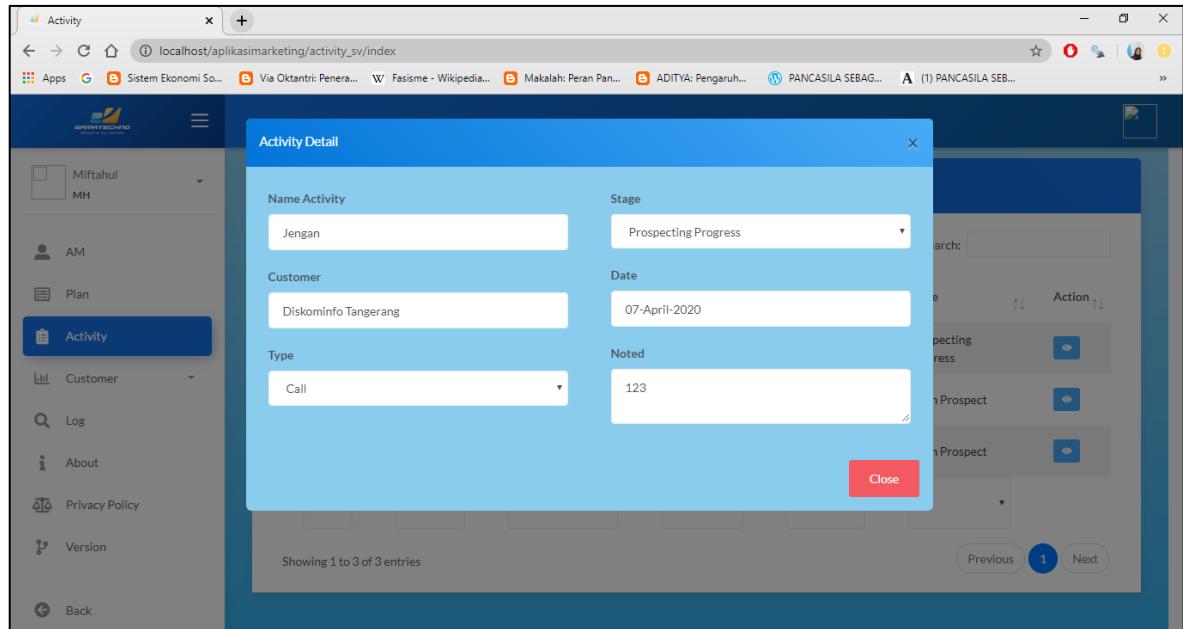
Gambar 4.6 Sidebar Plan



Gambar 4.7 Plan Detail

Activity SPV						
AM Name	Date	Customer Name	Activity	Type	Stage	Action
ELXAA	07-April-2020	Diskominfo Tangerang	Jengan	Call	Prospecting Progress	
ELXAA	14-April-2020	Diskominfo Jakarta	Fiksasi	Call	Open Prospect	
ELXAA	14-April-2020	Diskominfo Jakarta	Go Green	Administration	Open Prospect	

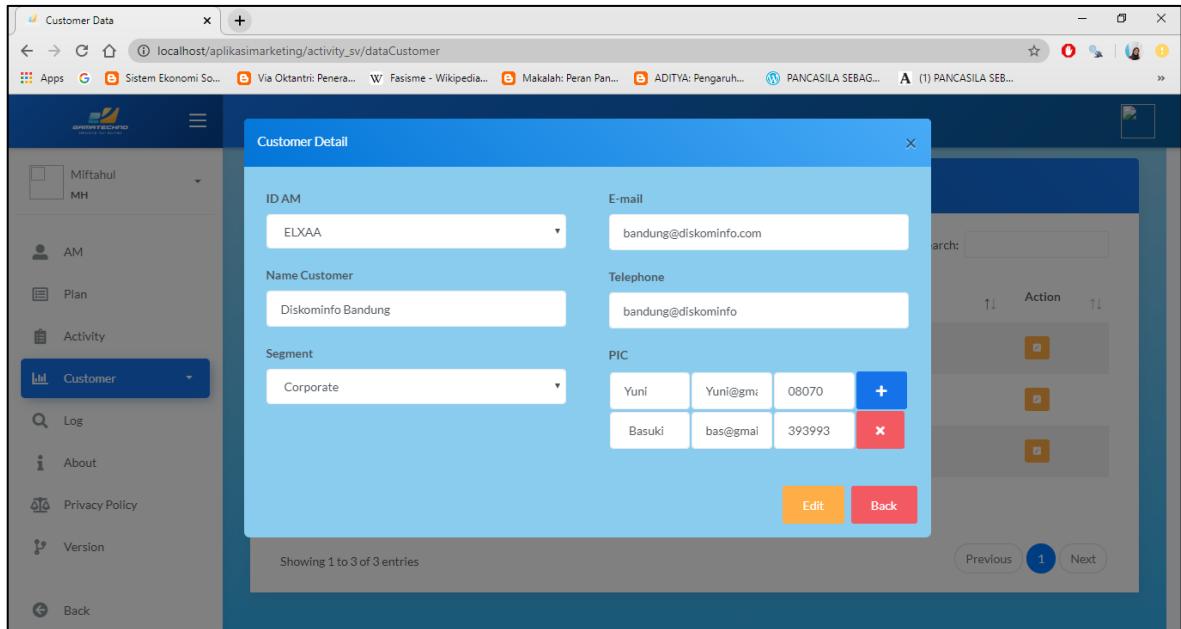
Gambar 4.8 Sidebar Activity



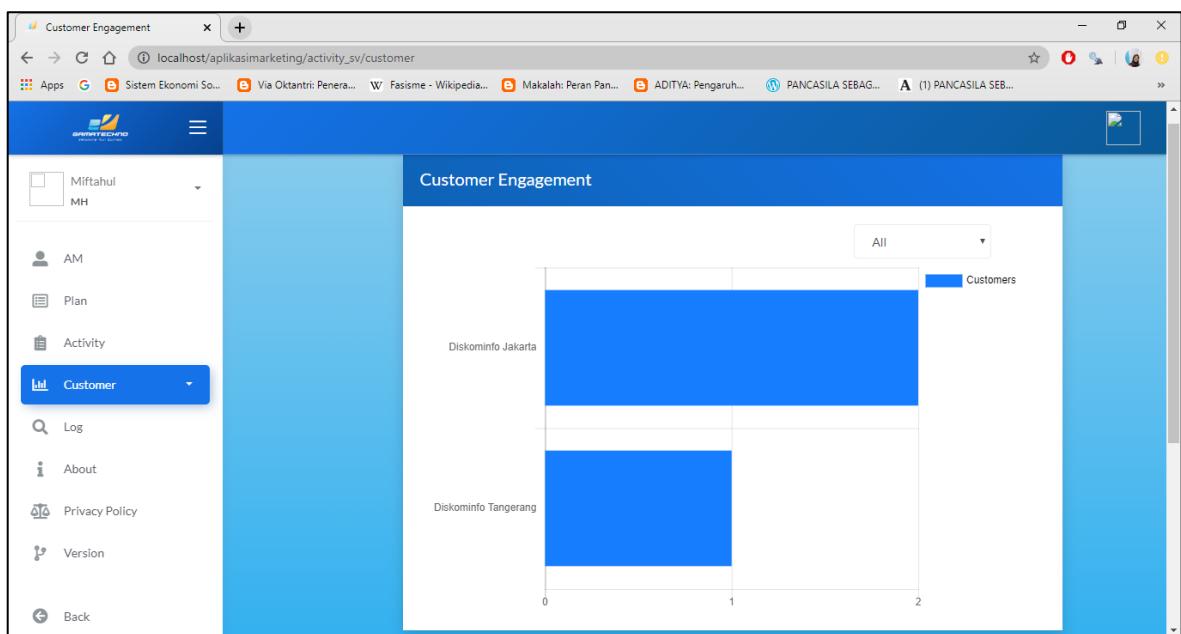
Gambar 4.9 Activity Detail

Customer Data																											
<table border="1"> <thead> <tr> <th>Show</th><th>entries</th><th>Search:</th></tr> </thead> <tbody> <tr> <td>AM Name</td><td>Nama Customer</td><td>Segment</td><td>Email</td><td>Action</td></tr> <tr> <td>ELXAA</td><td>Diskominfo Bandung</td><td>Corporate</td><td>bandung@diskominfo.com</td><td></td></tr> <tr> <td>ELXAA</td><td>Diskominfo Jakarta</td><td>Academy</td><td>JKT@k</td><td></td></tr> <tr> <td>ELXAA</td><td>Diskominfo Tangerang</td><td>Academy</td><td>tnng@a</td><td></td></tr> </tbody> </table>					Show	entries	Search:	AM Name	Nama Customer	Segment	Email	Action	ELXAA	Diskominfo Bandung	Corporate	bandung@diskominfo.com		ELXAA	Diskominfo Jakarta	Academy	JKT@k		ELXAA	Diskominfo Tangerang	Academy	tnng@a	
Show	entries	Search:																									
AM Name	Nama Customer	Segment	Email	Action																							
ELXAA	Diskominfo Bandung	Corporate	bandung@diskominfo.com																								
ELXAA	Diskominfo Jakarta	Academy	JKT@k																								
ELXAA	Diskominfo Tangerang	Academy	tnng@a																								
Showing 1 to 3 of 3 entries																											

Gambar 4.10 Sidebar Customer Data



Gambar 4.11 Customer Detail



Gambar 4.12 Sidebar Customer Engagement

The screenshot shows a sidebar menu on the left with options: AM, Plan, Activity, Customer, Log (which is selected and highlighted in blue), About, Privacy Policy, Version, and Back. The main content area displays a table titled "Search activity or keywords" with columns: AM Name, Customer Name, Activity, Date, Noted, and Tiers. The data in the table is as follows:

AM Name	Customer Name	Activity	Date	Noted	Tiers
ELXAA	Diskominfo Tangerang	Jengan	07-April-2020	123	Done
ELXAA	Diskominfo Jakarta	Fiksasi	14-April-2020		Done
ELXAA	Diskominfo Tangerang	Smart Home	13-April-2020		Plan
ELXAA	Diskominfo Jakarta	Go Green	14-April-2020	okokeeee	Done
Iqbal	Diskominfo Jakarta	Fiksasi Ayee	14-April-2020		Plan

Gambar 4.13 Sidebar Log

The screenshot shows a sidebar menu on the left with options: AM, Plan, Activity, Customer, Log, About (which is selected and highlighted in blue), Privacy Policy, Version, and Back. The main content area displays information about the application:

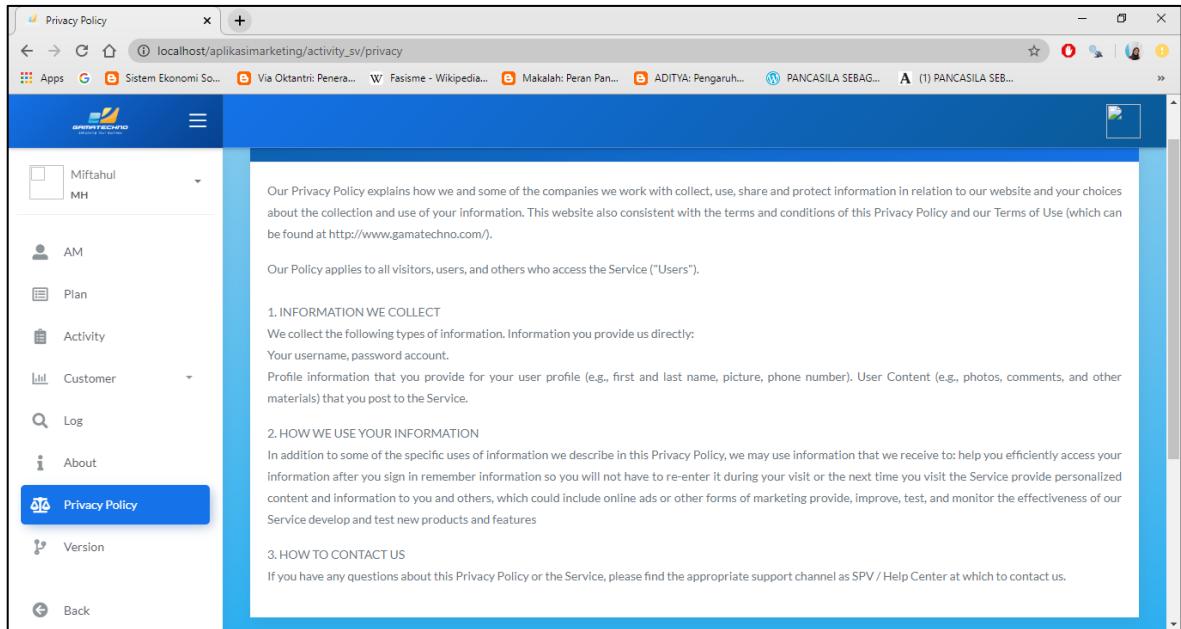
GT-Marketing
Version : 1.0
Legal Notices

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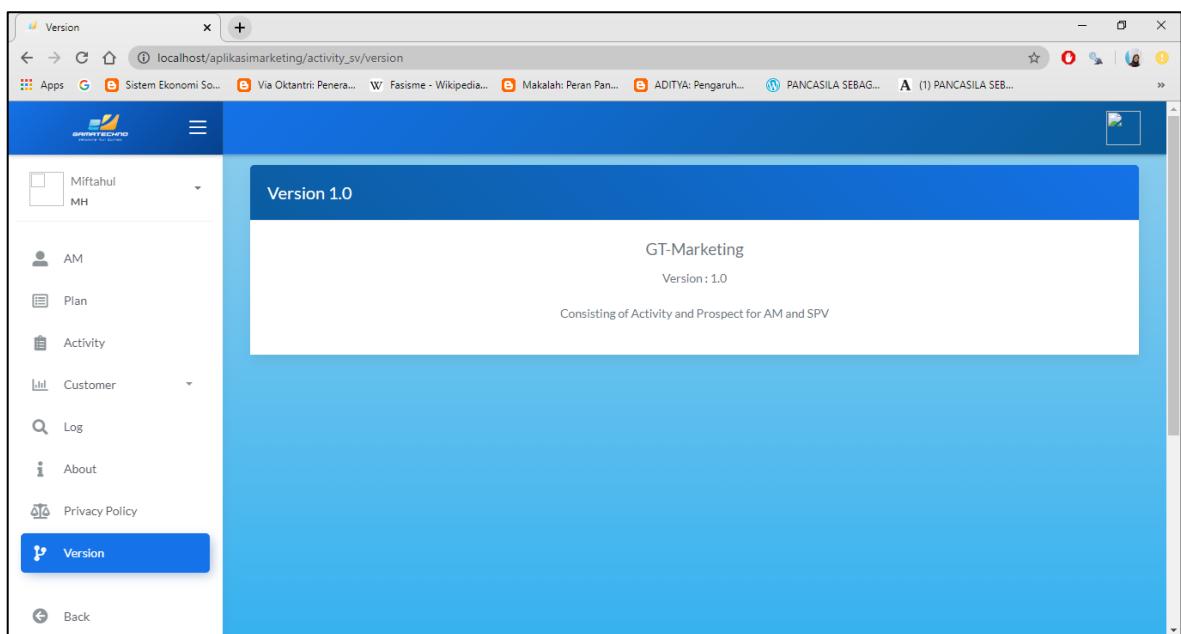
This application was built by some web developers from UPN "Veteran" Yogyakarta on <http://www.gamatechno.com/>, which consisting of :

- 1). Judanti Cahyaning Tyas (123170014)
- 2). Fhreza Zeaneth (123170044)
- 3). Arif Suryanto (123170061)
- 4). Dzaky Muhammad Iqbal (123170085)

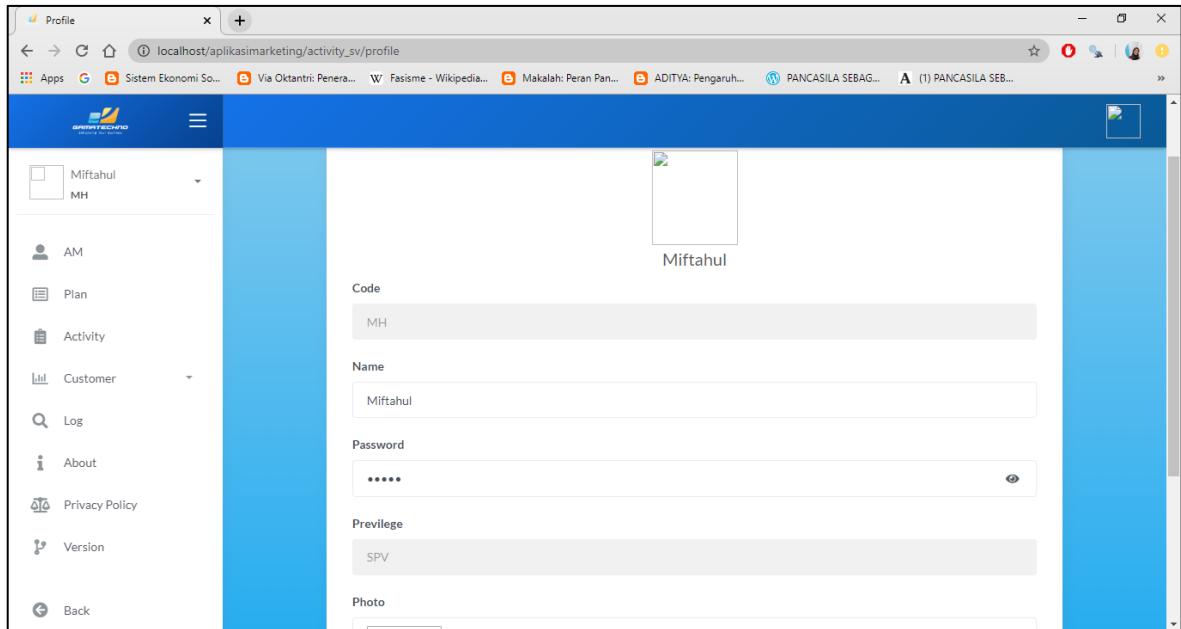
Gambar 4.14 Sidebar About



Gambar 4.15 Sidebar Privacy Policy

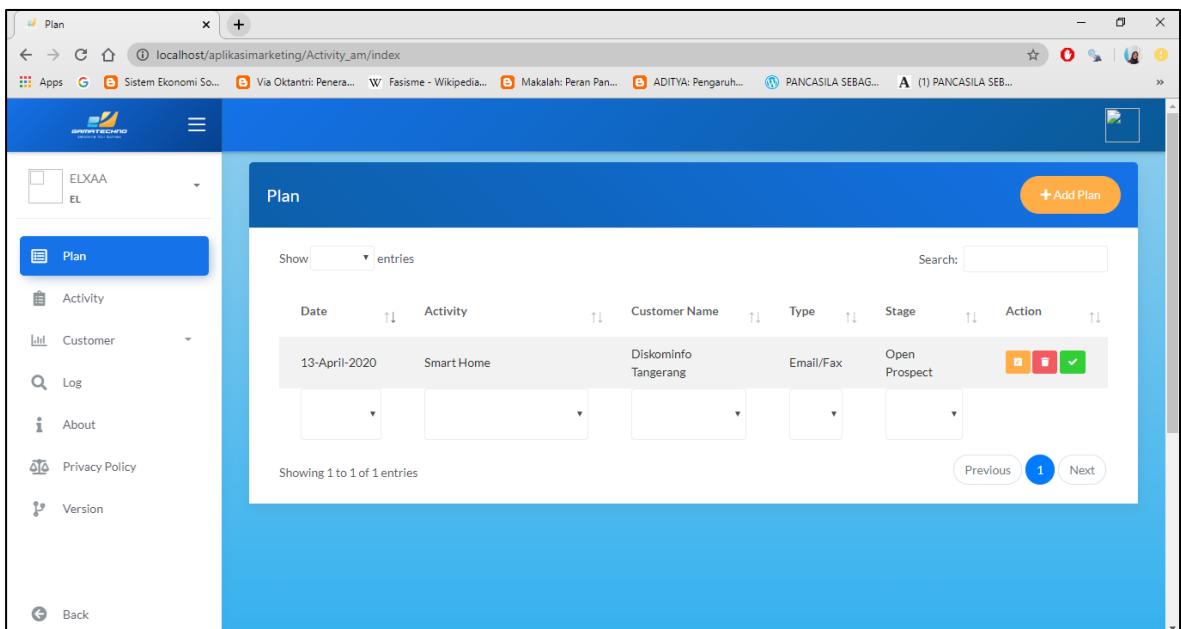


Gambar 4.16 Sidebar Version

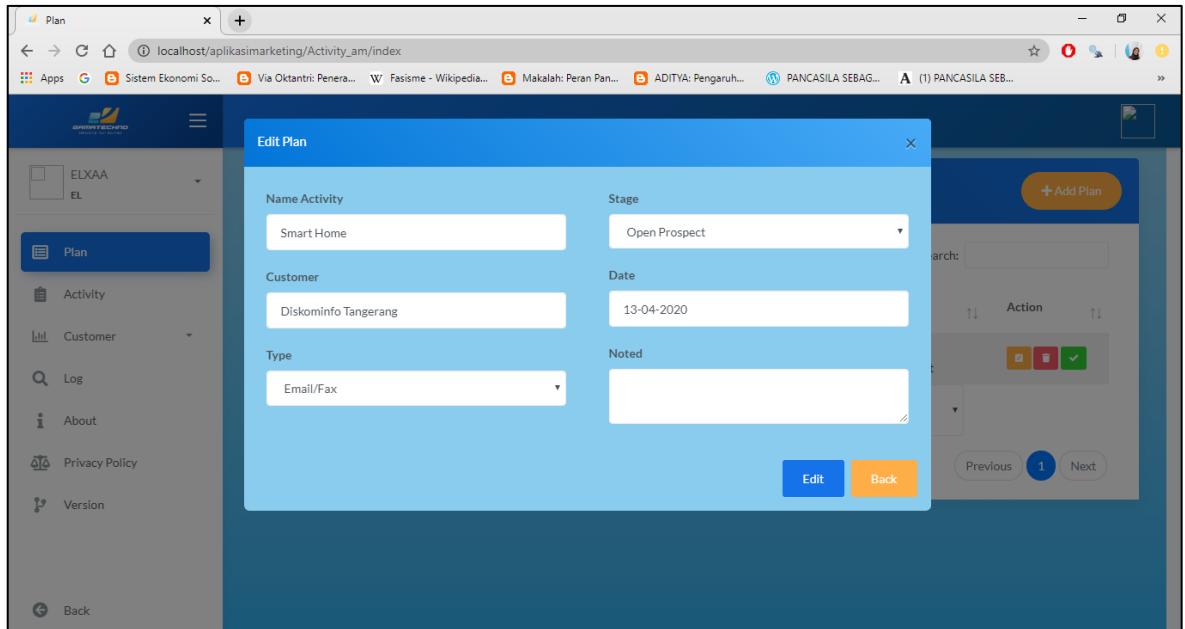


Gambar 4.17 Profile

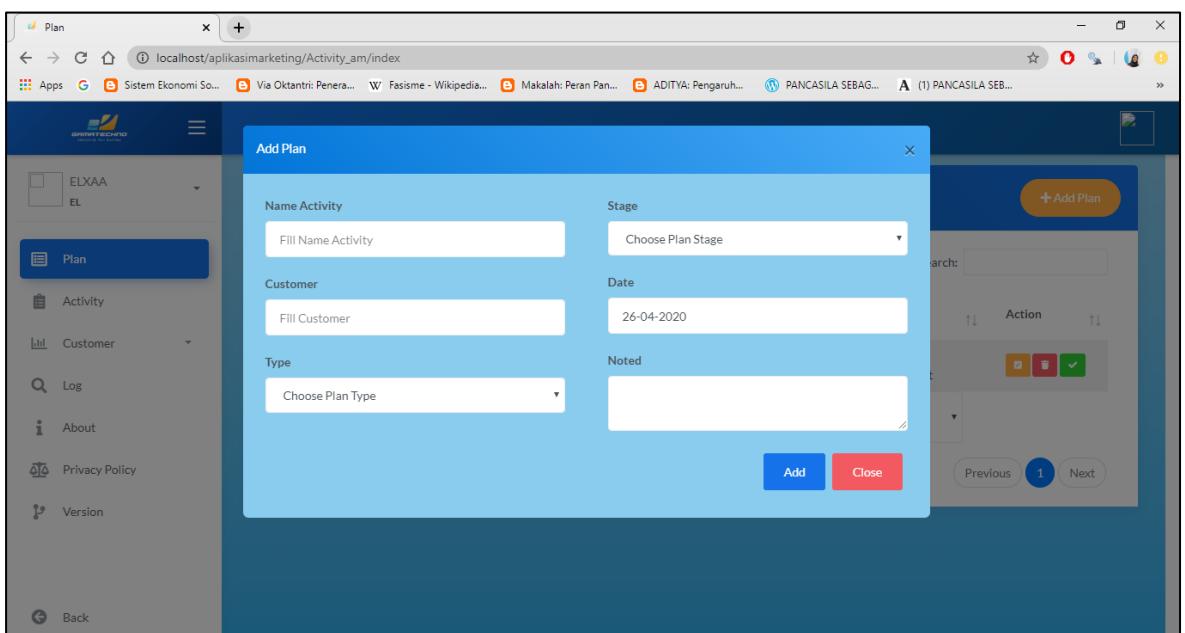
4.3.3 Sisi Account Manager (AM)



Gambar 4.18 Plan



Gambar 4.19 Edit Plan



Gambar 4.20 Add Plan

The screenshot shows a web-based application interface titled 'Activity'. On the left, there is a sidebar with navigation links: 'ELXAA', 'Plan', 'Activity' (which is highlighted in blue), 'Customer', 'Log', 'About', 'Privacy Policy', 'Version', and 'Back'. The main content area has a title 'Activity' and a 'Show' dropdown set to 'entries'. It includes a search bar and a table with columns: Date, Activity, Customer Name, Type, Stage, and Action. The table contains three rows of activity data:

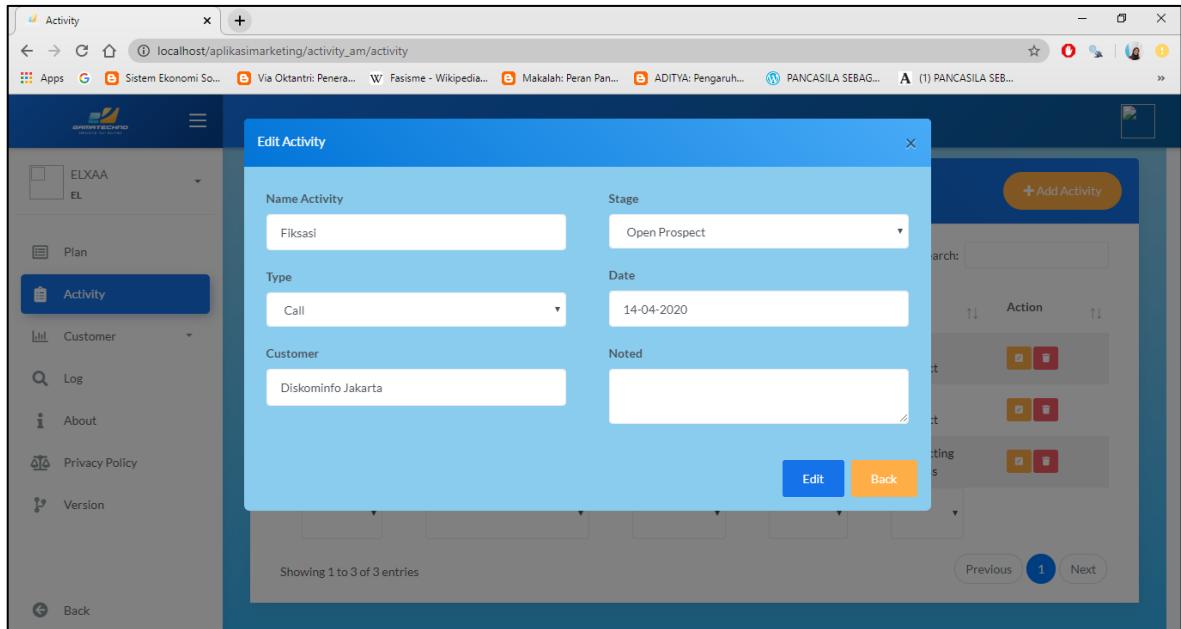
Date	Activity	Customer Name	Type	Stage	Action
14-April-2020	Fiksasi	Diskominfo Jakarta	Call	Open Prospect	
14-April-2020	Go Green	Diskominfo Jakarta	Administration	Open Prospect	
07-April-2020	Jengan	Diskominfo Tangerang	Call	Prospecting Progress	

At the bottom, it says 'Showing 1 to 3 of 3 entries' and has 'Previous', '1', and 'Next' buttons.

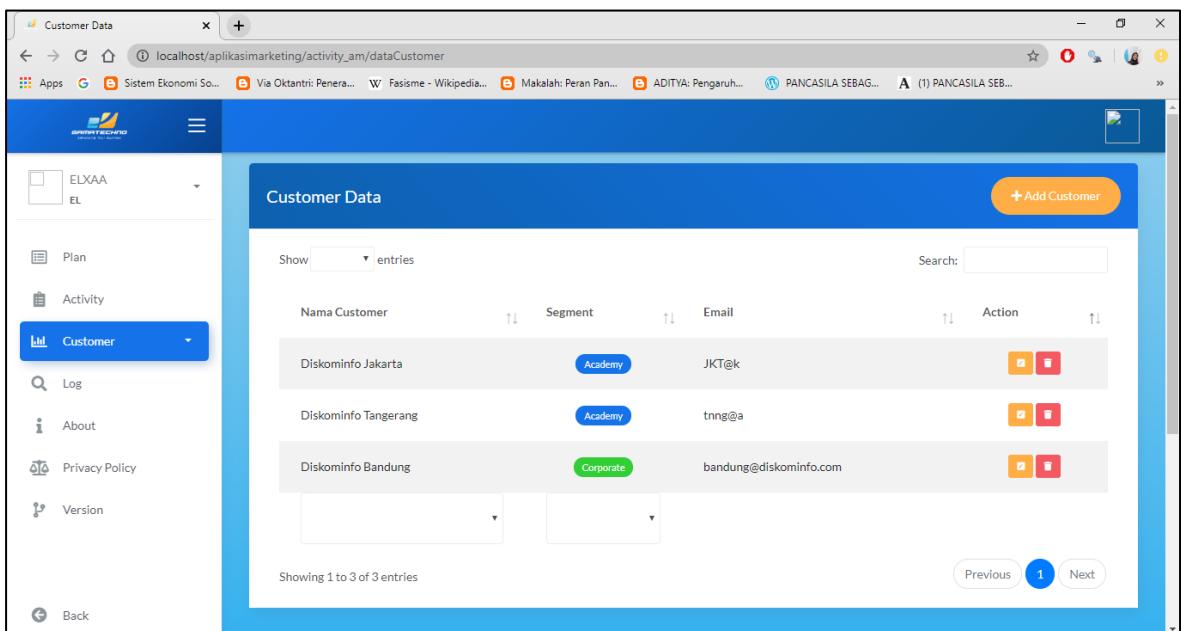
Gambar 4.21 Activity

This screenshot shows a modal dialog titled 'Add Activity' overlaid on the 'Activity' page. The dialog has several input fields: 'Name Activity' (with placeholder 'Fill Name Activity'), 'Stage' (with placeholder 'Choose Activities Stage'), 'Type' (with placeholder 'Choose Activities Type'), 'Date' (set to '26-04-2020'), 'Customer' (with placeholder 'Fill Customer'), and 'Noted' (with a large text area). At the bottom right of the dialog are 'Add' and 'Close' buttons.

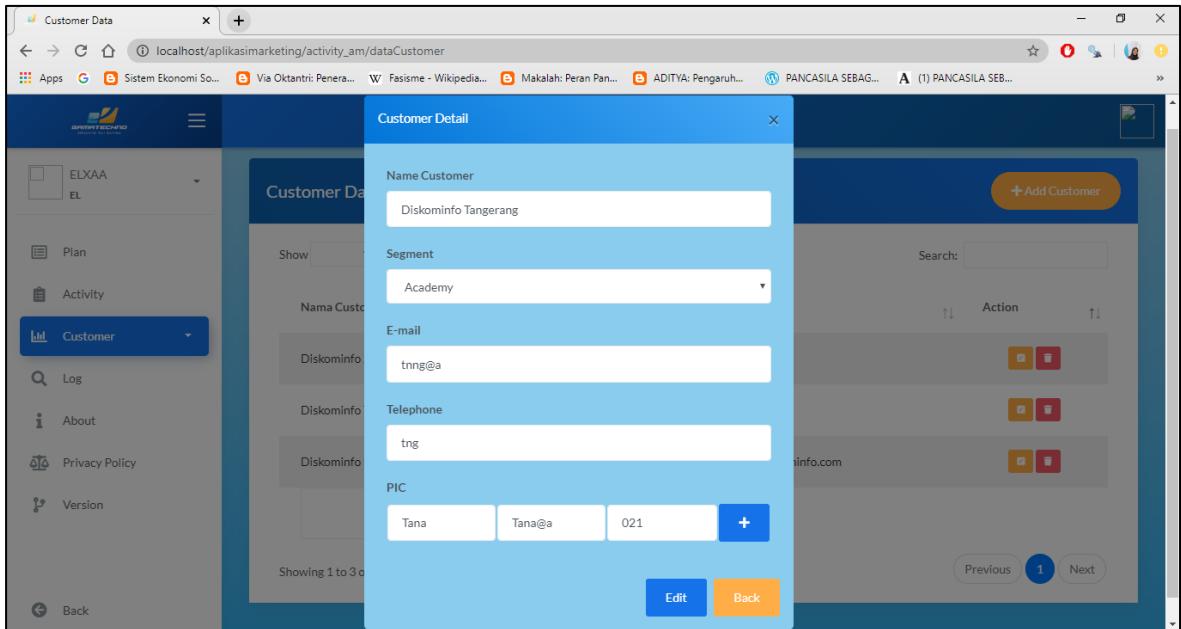
Gambar 4.22 Add Activity



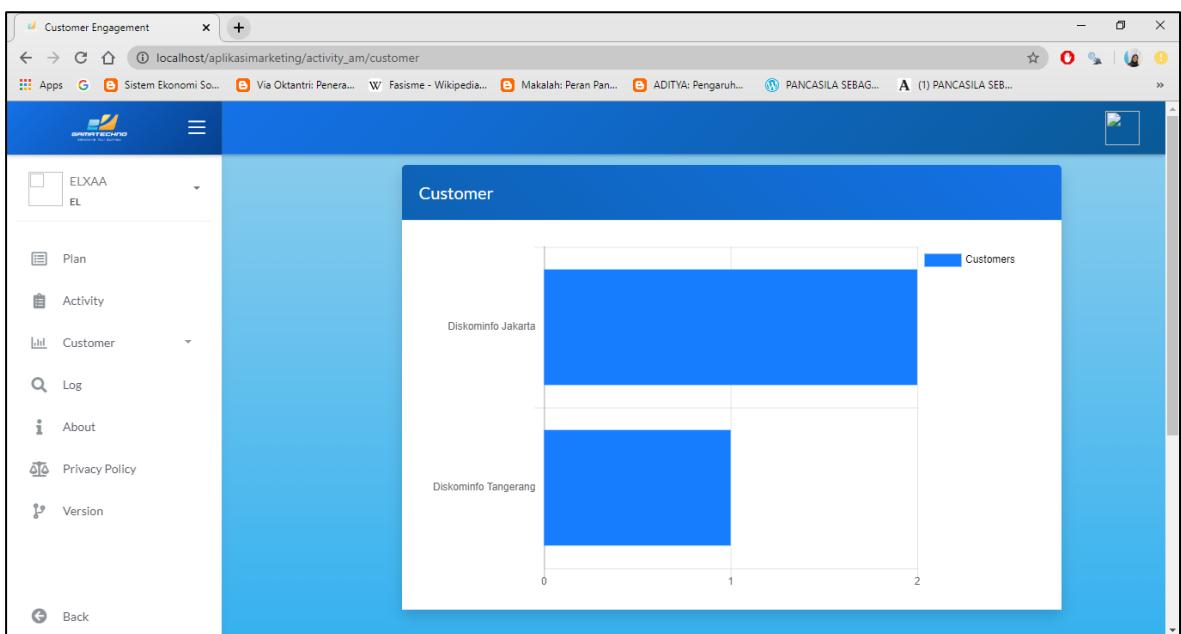
Gambar 4.23 Edit Activity



Gambar 4.24 Customer Data



Gambar 4.25 Edit Customer Data



Gambar 4.26 Customer Engagement

The screenshot shows a web application interface titled "Log". On the left, there is a sidebar with navigation links: ELXAA, Plan, Activity, Customer, Log (which is highlighted in blue), About, Privacy Policy, Version, and Back. The main content area has a search bar at the top with the placeholder "Search activity or keywords" and a magnifying glass icon. Below the search bar is a table with columns: Tiers, Date, Activity, Customer Name, and Noted. The table contains five rows of data:

Tiers	Date	Activity	Customer Name	Noted
Plan	13-April-2020	Smart Home	Diskominfo Tangerang	
Done	14-April-2020	Flksasi	Diskominfo Jakarta	
Done	14-April-2020	Go Green	Diskominfo Jakarta	okokeeee
Done	07-April-2020	Jengan	Diskominfo Tangerang	123

Gambar 4.27 Log

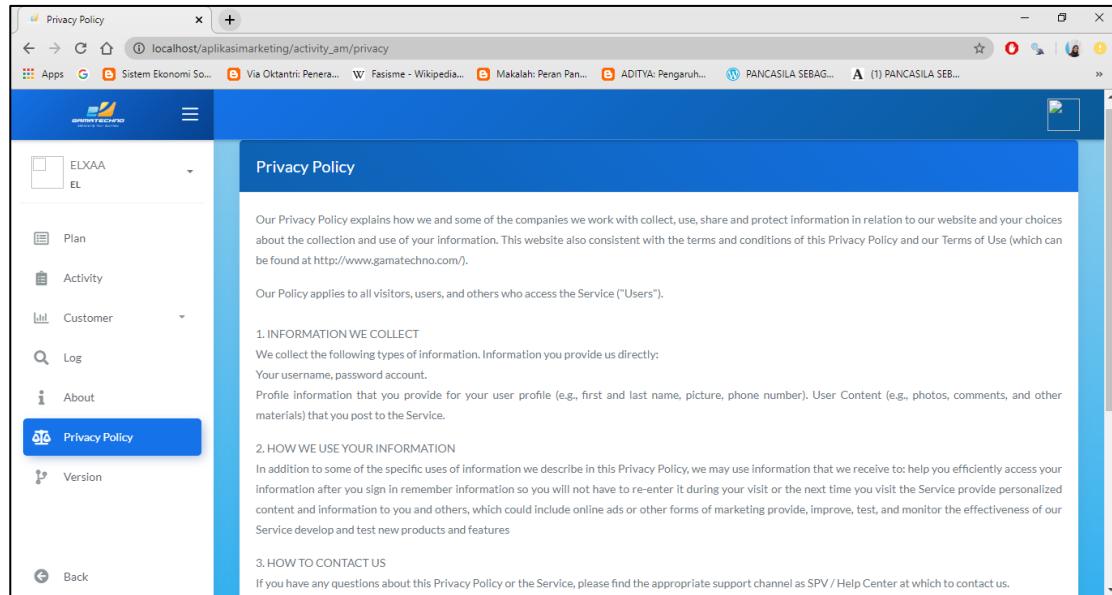
The screenshot shows a web application interface titled "About". On the left, there is a sidebar with navigation links: ELXAA, Plan, Activity, Customer, Log, About (which is highlighted in blue), Privacy Policy, Version, and Back. The main content area has a title "About" and a section titled "GT-Marketing" with links to "Version: 1.0" and "Legal Notices". Below this, there is a paragraph of legal text and a list of contributors:

GT-Marketing
Version: 1.0
Legal Notices

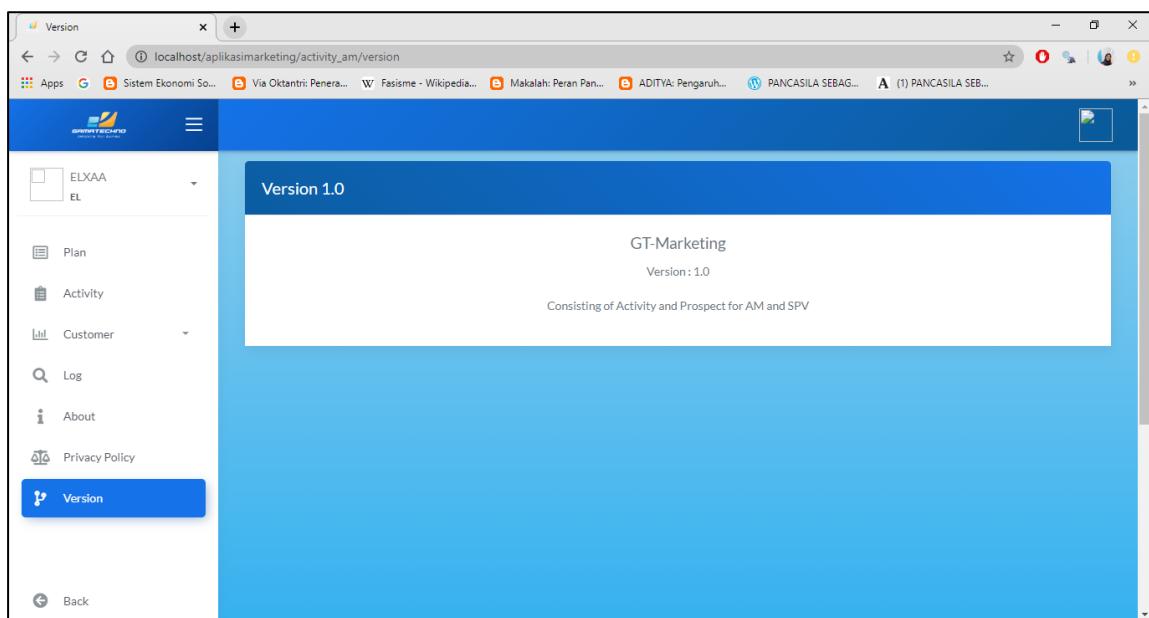
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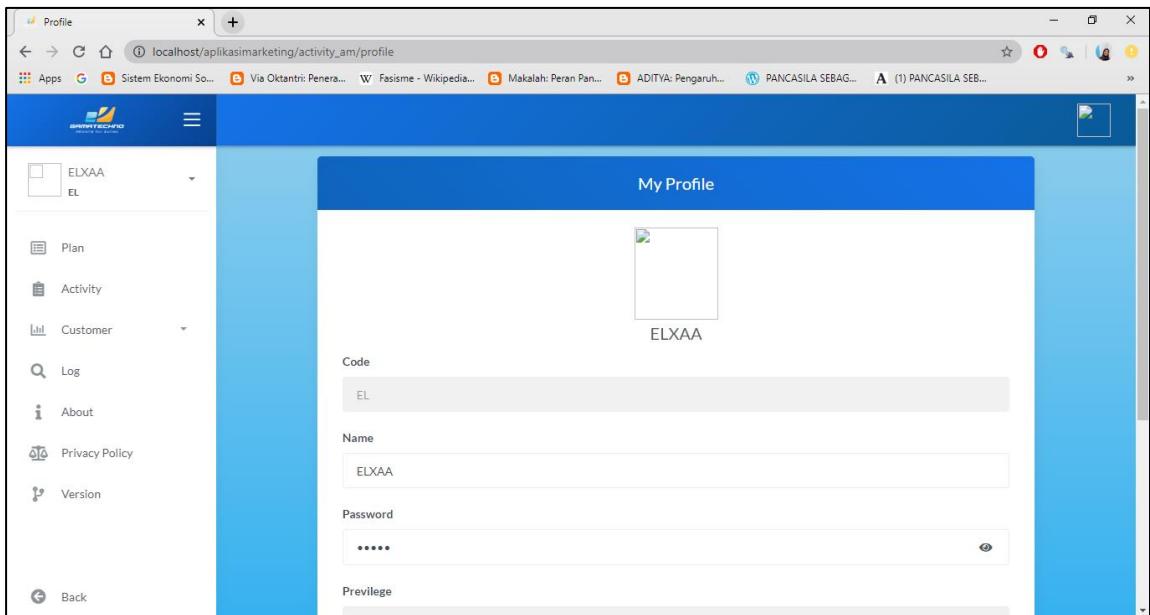
Gambar 4.28 About



Gambar 4.29 Privacy Policy



Gambar 4.30 Version



Gambar 4.31 My Profile

BAB V

PENUTUP

5.1 Kesimpulan

Berdasarkan kegiatan kerja praktik yang telah dilaksanakan, dapat disimpulkan bahwa perancangan dan pembuatan Sistem Informasi Marketing PT Gamatechno Indonesia dapat berjalan dengan baik dan dapat digunakan oleh para *Account Manager* (AM) dan *Supervisor* (SV) untuk melakukan proses *marketing*. *Account Manager* (AM) dapat menggunakan sistem untuk menyimpan data berupa kegiatan *marketing* dimana dari data tersebut bisa seorang *Supervisor* (SV) dapat melakukan *monitoring* para *Account Manager* (AM).

5.2 Saran

Adapun saran yang diharapkan dapat dijadikan acuan guna membangun ke arah yang lebih baik. Saran tersebut sebagai berikut :

1. Masalah keamanan pada sistem lebih ditingkatkan lagi.
2. Sistem ini dapat dimanfaatkan lebih maksimal dan dengan adanya pengembangan di kemudian hari agar lebih baik dari sistem yang telah dibuat.

DAFTAR PUSTAKA

- Fathansyah. (1999). *Buku Teks Komputer Basis Data*. Bandung: INFORMATIKA
- Hadi, Diki Alfarabi. (2019). *Bootstrap Part 1 : Pengertian dan Cara Menggunakan Bootstrap*. Diakses 21 April 2020 dari Malas Ngoding: <https://www.malasngoding.com/pengertian-dan-cara-menggunakan-bootstrap/>
- K. Yasin. (2019). *Pengertian MySQL, Fungsi, dan Cara Kerjanya (Lengkap)*. Diakses 21 April 2020 dari Niagahoster: <https://www.niagahoster.co.id/blog/mysql-adalah/>
- Kuncara Purba. (2012). *Apa itu Domain, Hosting, dan Website?*. Diakses 21 April 2020 dari KlikHost: <https://klikhost.com/apa-itu-domain-hosting-dan-website/>
- Pressman, R. S. (2005). *Software Engineering A Practitioner's Approach* (Sixth Ed). Singapore: McGrawHill.
- Sianipar R.H. (2015). “*Pemrograman Javascript: Teori dan Implementasi*”. Bandung:INFORMATIKA
- S. Rosa A., dan M. Shalahuddin. (2018). *Rekayasa Perangkat Lunak Terstruktur Dan Berorientasi Objek*. Bandung: INFORMATIKA
- UPN “Veteran” Yogyakarta. (2019). *Modul Praktikum Pemrograman Web*. Yogyakarta: UPN “Veteran” Yogyakarta.
- Waryanto. (2018). *Pengertian Website Lengkap dengan Jenis dan Manfaatnya*. Diakses 21 April 2020 dari Niagahoster: <https://www.niagahoster.co.id/blog/pengertian-website/>

LAMPIRAN



