```
+---.mvn
|   \---wrapper
|           maven-wrapper.properties
|
+---.vscode
|       settings.json
|
+---src
|   +---main
|   |   +---java
|   |   |   \---com
|   |   |       \---aigreentick
|   |   |           \---services
|   |   |               \---template
|   |   |                   |   TemplateApplication.java
|   |   |                   |
|   |   |                   +---client
|   |   |                   |   +---config
|   |   |                   |   |       UserClientProperties.java
|   |   |                   |   |       WhatsappClientProperties.java
|   |   |                   |   |
|   |   |                   |   +---dto
|   |   |                   |   |       AccessTokenCredentials.java
|   |   |                   |   |       FacebookApiResponse.java
|   |   |                   |   |       UserResponseDto.java
|   |   |                   |   |
|   |   |                   |   +---impl
|   |   |                   |   |       UserClientImpl.java
|   |   |                   |   |       WhatsappClientImpl.java
|   |   |                   |   |
|   |   |                   |   \---interfaces
|   |   |                   +---config
|   |   |                   |       ResilienceConfig.java
|   |   |                   |       ServiceEnabledFilter.java
|   |   |                   |       TemplateServiceProperties.java
|   |   |                   |       UserContextInterceptor.java
|   |   |                   |       WebClientConfig.java
|   |   |                   |       WebMvcConfig.java
|   |   |                   |
|   |   |                   +---constants
|   |   |                   |       TemplateConstants.java
|   |   |                   |
|   |   |                   +---controller
|   |   |                   |   \---v1
```

```
| | |                      |        TemplateAdminController.java
| | |                      |        TemplateController.java
| | |                      |        TemplateOrchestratorController.java
| | |                      |
| | |              +---dto
| | |                      | |  TempalatePaginationRequestDto.java
| | |                      | |  TemplateComponentButtonRequestDto.java
| | |                      | |  TemplateComponentButtonResponseDto.java
| | |                      | |  TemplateComponentRequestDto.java
| | |                      | |  TemplateCreateResponseDto.java
| | |                      | |  TemplateStatsDto.java
| | |                      | |
| | |                      | +---build
| | |                      | +---buildTemplateForRequest
| | |                      | | |  BaseComponentDto.java
| | |                      | | |  BaseTemplateRequestDto.java
| | |                      | | |  BuildTemplateRequestDto.java
| | |                      | | |
| | |                      | | +---authentication
| | |                      | | |      AuthBodyComponentDto.java
| | |                      | | |      AuthButtonComponentDto.java
| | |                      | | |      AuthButtonDto.java
| | |                      | | |      AuthComponentDto.java
| | |                      | | |      AuthFooterComponentDto.java
| | |                      | | |      AuthTemplateRequestDto.java
| | |                      | | |      SupportedAppDto.java
| | |                      | | |
| | |                      | | +---marketing
| | |                      | | | |  LimitedTimeOfferDto.java
| | |                      | | | |  LimitedTimeOfferWrapperDto.java
| | |                      | | | |  MarketingBodyComponentDto.java
| | |                      | | | |  MarketingBodyExampleDto.java
| | |                      | | | |  MarketingButtonDto.java
| | |                      | | | |  MarketingButtonsComponentDto.java
| | |                      | | | |  MarketingComponentDto.java
| | |                      | | | |  MarketingFooterComponentDto.java
| | |                      | | | |  MarketingHeaderComponentDto.java
| | |                      | | | |  MarketingHeaderExampleDto.java
| | |                      | | | |  MarketingTemplateRequestDto.java
| | |                      | | | |
| | |                      | | | \---carousel
| | |                      | | |      CarouselButtonDto.java
| | |                      | | |      CarouselButtonsComponentDto.java
| | |                      | | |      CarouselCardComponentDto.java
```

```
| | |           |     TemplateCategory.java
| | |           |     TemplateStatus.java
| | |           |     TemplateType.java
| | |           |
| | |       +---exception
| | |           |     ExternalServiceException.java
| | |           |     InvalidButtonType.java
| | |           |     InvalidTemplateCategory.java
| | |           |     InvalidTemplateComponentType.java
| | |           |     TemplateAlreadyExistsException.java
| | |           |     TemplateGlobalException.java
| | |           |     TemplateNotFoundException.java
| | |           |     UnauthorizedTemplateAccessException.java
| | |           |     WhatsAppApiException.java
| | |           |
| | |       +---mapper
| | |           |     TemplateMapper.java
| | |           |
| | |       +---model
| | |           | |   SupportedApp.java
| | |           | |   Template.java
| | |           | |   TemplateComponent.java
| | |           | |   TemplateComponentButton.java
| | |           | |   TemplateExample.java
| | |           | |   TemplateText.java
| | |           | |
| | |           | \---carousel
| | |           |         TemplateCarouselButton.java
| | |           |         TemplateCarouselCardComponent.java
| | |           |         TemplateCarouselExample.java
| | |           |         TemplateComponentCards.java
| | |           |
| | |       +---repository
| | |           |     TemplateRepository.java
| | |           |
| | |       +---service
| | |           |   +---impl
| | |           |   |     TemplateAdminServiceImpl.java
| | |           |   |     TemplateAnalyticsServiceImpl.java
| | |           |   |     TemplateMetricsService.java
| | |           |   |     TemplateOrchestratorServiceImpl.java
| | |           |   |     TemplateServiceImpl.java
| | |           |   |
| | |           |   \---interfaces
```

```
|   |   |                    |                 TemplateServiceInterface.java
|   |   |                    |
|   |   |                +---util
|   |   |                \---validator
|   |   |                        ButtonTypeValidator.java
|   |   |                        ValidButtonType.java
|   |   |
|   |   \---resources
|   |       |   application.properties
|   |       |
|   |       +---static
|   |       \---templates
|   \---test
|       \---java
|           \---com
|               \---aigreentick
|                   \---services
|                       \---template
|                               TemplateApplicationTests.java
|
```