**Developer task 01 : Assignment Response: Bradwin Zinyoni**

1. **module** econet-utils

**class**  MobileNumberUtils

b**ug**

**private final Logger** ... was fixed to **private final static Logger** ... after the following error was displayed > non static variable Logger cannot be referenced from a static context.

1. **Module** econet-utils

**class** ResponseCode

**bug**

programming logic use of local variable **code (code=code)**without being initialised hence variable was changed so that it points to an instance variable using **this.code=code.**

1. **Module** intelligent-network-api

**class** log4j2.xml

**bug**

logging file path was set to an absolute path **/data/logs/intelligent-network-api** hence the application was failing to create necessary folders and files.solution was to change path to relative path **data/logs/intelligent-network-api.**

1. **Module** electronic-payments-business

**class** PartnerCodeValidatorImpl

**bug**

Programming logic **this(super).** Code was changed to call no-argument constructor from the Object class using **super().**This code can be omitted the compiler will add one for us.

1. **Module** electronic-payments-business

**classe**  CreditsServiceImpl

**bug**

Progamming logic error on the following method **SubcriberRequestDao.persist** and **SubscriberRequestDao.update.**The solution was to change both methods to **SubscriberRequestDao.save** and **SubscriberRequestDao.flush.**

1. **Module** electronic-payments-business

**classe**  EnquiriesServiceImpl

**bug**

Progamming logic error on the following method **SubcriberRequestDao.persist** and **SubscriberRequestDao.update.**The solution was to change both methods to **SubscriberRequestDao.save** and **SubscriberRequestDao.flush.**

1. **Module** electronic-payments-api

**class** EpayResourcesIT

**bug**

Programming logic query pointing to non existance entity **Request** instead of **request.**

1. **Module** electronic-payments-api

**class** log4j2.xml

**bug**

logging file path was set to an absolute path **/data/logs/electronic-payments-api** hence the application was failing to create necessary folders and files.solution was to change path to relative path **data/logs/electronic-payments-api.**

1. **Module** electronic-payments-api

**class** EpayResource

**bug**

NullPointerException due to the following fields **private EpayRequestProcessor** and **private ReportingProcessor.**solution was to add **@Autowired** annotation on both fields.

1. **Module** electronic-payments-api

**class** EpayResource

**bug**

missing path variable on **partnerCode** variable declared inside enquireBalance method.solution was to add **@PathVariable(“partnerCode”)**.

1. **Module** intelligent-network-api

**class** IntelligentNetworkService(interface)

**bug**

missing webParam on **partnerCode** variable.solution was to add **@WebParam(name=”partnerCode”)**.

1. **Module** intelligent-network-api

**class** IntelligentNetworkServiceImpl

**bug**

SOAP binding was set to 1.2 version which returns soap/xml format.log files shows that output was supposed to be text/xml. Hence SOAP binding was changed from **SOAPBinding.SOAP12HTTP\_BINDING**  to  **SOAPBinding.SOAP11HTTP\_BINDING.**