VESALIUS.Geo
Web Services

Document Label: novaHEALTH/VESALIUS

Version 3.1 (Updated 8/15/2019)

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Contents

1 Concept

VESALIUS.Geo being an Enterprise Solution, It is required for external systems to communicate with data based on real time access.

This is facilitated by the standard set of available Web Services using industry standards. Details of all Web Services are explained below based on respective group.

2 Authentication

2.1 Authentication

Login			
Description:	To authenticate the user session by issuing a web session id. Once this API is called, the system returns a session id which will be used to validate the users session.		
Input Parameters	**Description**	**Type**	**Mandatory**
COMPANY_CODE	Company code	String	Y
SYSTEM_CODE	System Code	String	Y
PASSWORD	Password	String	Y
Success Output:			

```
<?xml version="1.0" encoding="UTF-8">
<Result>
  <Token>
    <Token_number>250410461752</Token_ number>
  </Token>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00002	ERROR	CODE INFORMATION IS MANDATORY.
WS-00003	ERROR	PASSWORD INFORMATION IS MANDATORY.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-00006	ERROR	MAXIMUM NUMBER OF CONNECTIONS REACHED.
WS-00007	ERROR	DATABASE ERROR.

2.2 Logout

Logout			
Description:	To end the user session.		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN_NUMBER	Web Session ID – Used to check for active sessions only	Numeric	Y
Success Output:			

```
<?xml version="1.0" encoding="UTF-8">
<Result>
 <Success>
  <SuccessMessage> SUCCESSFULLY LOGGED OUT </SuccessMessage>
 </Success>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00039	SUCCESS	SUCCESSFULLY LOGGED OUT.
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00007	ERROR	DATABASE ERROR.
WS-00010	ERROR	TOKEN NUMBER HAS BEEN ALREADY LOGGED OUT.
WS-00011	ERROR	TOKEN NUMBER DOES NOT EXIST IN THE SYSTEM.

3 Patient

3.1 GetPatientData

GetPatientData			
Description:	Get patient's personal data.		
Input Parameters	**Description**	**Type**	**Mandatory**
PRN	PRN/Document Number of a Patient	String	Y
Sample Output:			

```
<?xml version="1.0" encoding="UTF-8"?>
<Result>
 <Patient>
```

```
    <PRN>2014-00001234</PRN>
    <Name>
      <Title>MS</Title>
      <FirstName>Alexandra</FirstName>
      <MiddleName></MiddleName>
      <LastName>Pheo</LastName>
    </Name>
    <Resident>Y</Resident>
    <DOB>12-Aug-1945</DOB>
    <Sex>
      <Code>F</Code>
      <Description>Female</Description>
    </Sex>
    <HomeAddress>
      <Address1>NO 18 TAMAN PUTERI JAYA</Address1>
      <Address2>JALAN 12</Address2>
      <Address3></Address3>
      <CityState>CHERAS SELANGOR</CityState>
      <PostalCode>43000</PostalCode>
    </HomeAddress>
    <ContactNumber>+65905412</ContactNumber>
    <Document>
      <Code>INTERFACE</Code>
      <Description>Interface PRN</Description>
      <Value>2014-00001234</Value>
      <ExpireDate></ExpireDate>
    </Document>
    <Document>
      <Code>PASSPORT</Code>
      <Description>Passport</Description>
      <Value>E78877998</Value>
      <ExpireDate>24-Dec-2013</ExpireDate>
    </Document>
    <Nationality>
      <Code>SG</Code>
      <Description>Singaporean</Description>
    </Nationality>
    <ChargeCategory>
      <Code>05</Code>
      <Description>NTUC MEMBER</Description>
    </ChargeCategory>
    <PaymentClass>
      <Code>PT</Code>
      <Description>Private (Independent OP)</Description>
    </PaymentClass>
  </Patient>
</Result>
```

Error Output:

```
<?xml version="1.0" encoding="UTF-8"?>
<Result>
  <Error>
```

```
  <ErrorCode>WS-00012</ErrorCode>
  <ErrorMessage>PATIENT PRN INFORMATION IS MANDATORY.</ErrorMessage>
 </Error>
</Result>
```

Remarks:
1. If passed document number has more than one patient information in VESALIUS, all the patients will be returned with the details information.
2. If returned message has a PRN empty it means person record exists but not patient.
3. Returned message has a 'HOME' Address as it is compulsory in VESALIUS.

Messages Used

Message Code	Message Type	Message
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.

3.2   GetPatientPastVisits

getPatientPastVisits			
Description:	Get latest N visit details and related parameters for specific Patient.		
Input Parameters	**Description**	**Type**	**Mandatory**
PRN	Patient registration number	String	Y
PAST_VISITS	Number of past visits. (Default = 1) (Max will be 10 Latest Visits)	Numeric	N
COMPANY_CODE	Company code	String	Y
Sample Output:			

```
<?xml version="1.0" encoding="UTF-8"?>
<Patient>
 <Name>兩Alex Sandrea Costinha</Name>
 <PRN>F00089</PRN>
 <Visit>
  <Visit No>JP0000001711</Visit No>
  <Reg Date Time>05-Aug-2011 10:36</Reg Date Time>
  <Visit Type>OUTPATIENT</Visit Type>
  <Visit Status>OPEN</Visit Status>
  <Attending Dr>DR Srini</Attending Dr>
  <Admitting Dr></Admitting Dr>
 </Visit>
 <Visit>
```

```
  <Visit No>JP0000001701</Visit No>
  <Reg Date Time>04-Aug-2011 10:16</Reg Date Time>
  <Visit Type>OUTPATIENT</Visit Type>
  <Visit Status>OPEN</Visit Status>
  <Attending Dr>MR CHITTESH J MEHTA</Attending Dr>
  <Admitting Dr></Admitting Dr>
 </Visit>
</Patient>
```

4   APPOINTMENT

4.1   getFutureAppointment

<table>
<tr><td colspan="4">getFutureAppointment</td></tr>
<tr><td>Description:</td><td colspan="3">To retrieve all the future appointments for the patient starting current date to the future.</td></tr>
<tr><td>Input Parameters</td><td>Description</td><td>Type</td><td>Mandatory</td></tr>
<tr><td>TOKEN_NUMBER</td><td>Web Session ID – Used to check for active sessions only</td><td>Numeric</td><td>Y</td></tr>
<tr><td>COMPANY_CODE</td><td>Company code</td><td>String</td><td>Y</td></tr>
<tr><td>PRN</td><td>Patient registration number</td><td>String</td><td>Y</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="4">Success Output:</td></tr>
</table>

```
<?xml version="1.0" encoding="UTF-8"?>
<Result>
 <Appointment>
  <AppointmentNumber>1110</AppointmentNumber>
  <Date>26-Apr-2012</Date>
  <Day>THURSDAY </Day>
  <StartTime>13:00</StartTime>
  <EndTime>13:05</EndTime>
  <DoctorMCR>BN236236</DoctorMCR>
  <DoctorName>Dr Srini</DoctorName>
  <SpecialityCode>ORT</SpecialityCode>
  <Speciality>ORTHOPEDIC</Speciality>
  <Clinic>Orthopedic Clinic者有</Clinic>
  <Room>OR-R1</Room>
  <CaseType>NC</CaseType>
 </Appointment>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00015	SUCCESS	NO FUTURE APOINTMENT(S) FOUND.
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-00013	ERROR	AUTHENTICATION FAILED PASSED TOKEN DOES NOT BELONG TO THIS ORGANIZATION.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.

4.2   getNextAvailableSlots

getNextAvailableSlots			
Description:	Get the next Available 5 Slots to make appointment.		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN_NUMBER	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
PRN	Patient registration number	String	Y
SPECIALTY_CODE	Specialty code to make an appointment	String	Y
MCR	Doctor MCR	String	N
START_DATE	Preferred Appointment Date In DD-MON-YYYY Format	String	Y
START_TIME	Preferred Appointment Time In HH:MM (24 Hrs Format)	String	N
CASE_TYPE	Possible values are NC – New Case, FU – Follow-up. If the external systems don't pass this value – system defaults the value to NC.	String	N
Success Output:			

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Result>
 <Slot>
  <SlotNumber>2356</SlotNumber>
  <Date>25-Apr-2012</Date>
  <Day>WEDNESDAY</Day>
  <StartTime>18:05</StartTime>
  <EndTime>18:10</EndTime>
  <DoctorName>Dr JEFFREY C. PADERNAL(放射性)</DoctorName>
  <Speciality>CARDIOLOGY</Speciality>
  <Clinic>Cardiology Clinic者有</Clinic>
  <Room>CC-R1</Room>
  <CaseType>NC</ CaseType >
 </Slot>
 <Slot>
  < SlotNumber>2357</SlotNumber>
  <Date>26-Apr-2012</Date>
  <Day>THURSDAY </Day>
  <StartTime>08:00</StartTime>
  <EndTime>08:05</EndTime>
  <DoctorName>Mr CHITTESH J MEHTA</DoctorName>
  <Speciality>CARDIOLOGY</Speciality>
  <Clinic>N/A</Clinic>
  <Room>PHY-RM1</Room>
  <CaseType>NC</CaseType>
 </Slot>
 <Slot>
  < SlotNumber >2358</SlotNumber>
  <Date>26-Apr-2012</Date>
  <Day>THURSDAY </Day>
  <StartTime>08:00</StartTime>
  <EndTime>08:05</EndTime>
  <DoctorName>Dr Kotha Sreenivas Reddy 雷迪</DoctorName>
  <Speciality>CARDIOLOGY</Speciality>
  <Clinic>Cardiology Clinic者有</Clinic>
  <Room>CC-R2</Room>
  <CaseType>NC</CaseType>
 </Slot>
 <Slot>
  <SlotNumber>2359</SlotNumber>
  <Date>26-Apr-2012</Date>
  <Day>THURSDAY </Day>
  <StartTime>13:00</StartTime>
  <EndTime>13:05</EndTime>
  <DoctorName>Mr Arvind Vasudevan</DoctorName>
  <Speciality>CARDIOLOGY</Speciality>
  <Clinic>N/A</Clinic>
  <Room>SUBB</Room>
  <CaseType>NC</CaseType>
 </Slot>
 <Slot>
  <SlotNumber>2360</SlotNumber>
```

```
    <Date>26-Apr-2012</Date>
    <Day>THURSDAY </Day>
    <StartTime>13:00</StartTime>
    <EndTime>13:05</EndTime>
    <DoctorName>Dr. Jeremy Tan</DoctorName>
    <Speciality>CARDIOLOGY</Speciality>
    <Clinic>Cardiology Clinic者有</Clinic>
    <Room>CC-R2</Room>
    <CaseType>NC</CaseType>
  </Slot>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00024	SUCCESS	NO VALID SLOTS AVAILABLE.
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00016	ERROR	DATE INFORMATION IS MANDATORY.
WS-00017	ERROR	SPECIALTY INFORMATION IS MANDATORY.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-000013	ERROR	AUTHENTICATION FAILED PASSED TOKEN DOES NOT BELONG TO THIS ORGANIZATION.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00018	ERROR	GIVEN DATE IS PAST DATE.
WS-00019	ERROR	INVALID DATE FORMAT.
WS-00020	ERROR	SPECIALTY DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00021	ERROR	GIVEN TIME IS PAST TIME.
WS-00022	ERROR	INVALID TIME FORMAT.
WS-00023	ERROR	MCR DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00007	ERROR	DATABASE ERROR.

4.3 MakeAppointment

makeAppointment			
Description:	To make a new appointment		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN_NUMBER	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
PRN	Patient registration number	String	Y
SLOT_NUMBER	Selected Slot number	Numeric	Y
CASE_TYPE	Possible values are NC – New Case, FU – Follow-up. If the external systems don't pass this value – system defaults the value to NC.	String	N
Success Output:			

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Result>
  <AppointmentBookingConfirmation>
   <AppointmentStatus>CONFIRMED</AppointmentStatus>
   <AppointmentNumber>1113</AppointmentNumber>
   <Date>26-Apr-2012</Date>
   <Day>THURSDAY </Day>
   <StartTime>13:00</StartTime>
   <EndTime>13:05</EndTime>
   <DoctorName>Dr Jeremy Tan</DoctorName>
   <Speciality>CARDIOLOGY</Speciality>
   <Clinic>Cardiology Clinic者有</Clinic>
   <Room>CC-R2</Room>
   <CaseType>NC</CaseType>
  </AppointmentBookingConfirmation>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00025	ERROR	SLOT NUMBER IS MANDATORY.

WS-00026	ERROR	SLOT NUMBER IS INVALID.
WS-00027	ERROR	APPOINTMENT TYPE MUST BE EITHER NEW CASE OR FOLLOW UP.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-00013	ERROR	AUTHENTICATION FAILED PASSED TOKEN DOES NOT BELONG TO THIS ORGANIZATION.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00028	ERROR	SLOT NUMBER DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00029	ERROR	SLOT NUMBER AND PATIENT PRN MISMATCH PLEASE CHECK.
WS-00007	ERROR	DATABASE ERROR.
WS-00030	ERROR	SPECIFIED SLOT NUMBER DOES NOT BELONG TO ORGANIZATION PLEASE CHECK.

4.4 ChangeAppointment

changeAppointment			
Description:	To change an existing appointment		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN_NUMBER	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
PRN	Patient registration number	String	Y
SLOT_NUMBER	Selected Slot number	Numeric	Y
APPOINTMENT_NUMBER	The appointment which is to be changed	Numeric	Y
REASON	The reason for the change in appointment	String	Y
Success Output:			

```
<?xml version="1.0" encoding="UTF-8"?>
<Result>
  <AppointmentChangeConfirmation>
    <AppointmentStatus>CHANGED</AppointmentStatus>
    <AppointmentNumber>1111</AppointmentNumber>
    <Date>26-Apr-2012</Date>
    <Day>THURSDAY </Day>
    <StartTime>08:00</StartTime>
    <EndTime>08:05</EndTime>
    <DoctorName>Dr Kotha Sreenivas Reddy 雷迪</DoctorName>
```

```
    <Speciality>CARDIOLOGY</Speciality>
    <Clinic>Cardiology Clinic者有</Clinic>
    <Room>CC-R2</Room>
    <CaseType>FU</CaseType>
  </AppointmentChangeConfirmation>
</Result>
```

Messages Used

Message Code	Message Type	Message
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.
WS-00031	ERROR	APPOINTMENT NUMBER IS MANDATORY.
WS-00032	ERROR	APPOINTMENT NUMBER FORMAT IS INVALID.
WS-00025	ERROR	SLOT NUMBER IS MANDATORY.
WS-00026	ERROR	SLOT NUMBER IS INVALID.
WS-00033	ERROR	REASON IS MANDATORY.
WS-00038	ERROR	REASON CAN NOT BE MORE THAN 200 CHARACTERS.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00013	ERROR	AUTHENTICATION FAILED PASSED TOKEN DOES NOT BELONG TO THIS ORGANIZATION.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00034	ERROR	APPOINTMENT NUMBER DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00035	ERROR	APPOINTMENT NUMBER IS NOT VALID FOR THIS PATIENT PRN PLEASE CHECK.
WS-00028	ERROR	SLOT NUMBER DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00029	ERROR	SLOT NUMBER AND PATIENT PRN MISMATCH PLEASE CHECK.
WS-00036	ERROR	PATIENT HAVE AN APPOINTMENT FOR THE SELECTED DATE AND TIME.
WS-00037	ERROR	APPOINTMENT CANNOT BE CHANGED TO ANOTHER DOCTOR.
WS-00007	ERROR	DATABASE ERROR.
WS-00030	ERROR	SPECIFIED SLOT NUMBER DOES NOT BELONG TO ORGANIZATION PLEASE CHECK.

WS-00041	ERROR	PAST APPOINTMENTS CAN NOT BE MODIFIED.

4.5 CancelAppointment

cancelAppointment			
Description:	To cancel an existing appointment		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
PRN	Patient registration number	String	Y
APPOINTMENT_NUMBER	The appointment which is to be changed	Numeric	Y
REASON	The reason for cancellation	String	Y

Success Output:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Result>
  <AppointmentCancelConfirmation>
    <AppointmentStatus>CANCELLED</AppointmentStatus>
    <AppointmentNumber>48679</AppointmentNumber>
    <Date>16-Jul-2012</Date>
    <Day>MONDAY</Day>
    <StartTime>12:00</StartTime>
    <EndTime>12:10</EndTime>
    <DoctorName>DR. Srini</DoctorName>
    <Specialty>ORTHOPEDI</Specialty>
    <Clinic>N/A</Clinic>
    <Room>INSTALL</Room>
    <CaseType>NC</CaseType>
  </AppointmentCancelConfirmation>
</Result>
```

Messages Used

Message Code	**Message Type**	**Message**
WS-00008	ERROR	TOKEN NUMBER IS MANDATORY.
WS-00009	ERROR	TOKEN NUMBER IS INVALID.
WS-00001	ERROR	ORGANIZATION INFORMATION IS MANDATORY.
WS-00012	ERROR	PATIENT PRN INFORMATION IS MANDATORY.

WS-00031	ERROR	APPOINTMENT NUMBER IS MANDATORY.
WS-00032	ERROR	APPOINTMENT NUMBER FORMAT IS INVALID.
WS-00033	ERROR	REASON IS MANDATORY.
WS-00038	ERROR	REASON CAN NOT BE MORE THAN 200 CHARACTERS.
WS-00005	ERROR	AUTHENTICATION FAILED.
WS-00004	ERROR	ORGANIZATION DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00013	ERROR	AUTHENTICATION FAILED PASSED TOKEN DOES NOT BELONG TO THIS ORGANIZATION.
WS-00014	ERROR	PATIENT PRN DOES NOT EXIST IN THE SYSTEM PLEASE CHECK.
WS-00007	ERROR	DATABASE ERROR.
WS-00035	ERROR	APPOINTMENT NUMBER IS NOT VALID FOR THIS PATIENT PRN PLEASE CHECK.
WS-00041	ERROR	PAST APPOINTMENTS CAN NOT BE MODIFIED.

4.6 GetDoctorData

GetDoctorData			
Description:	Retrieve all valid (Active) doctor details from VESALIUS with basic doctor details.		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
Success Output:			

```
<Doctor>
 <MCR>23929229</MCR>
 <Name>
  <Title>Mr</Title>
  <FirstName>ALEX</FirstName>
  <MiddleName>Prince</MiddleName>
  <LastName>CHARLES MARTIN</LastName>
 </Name>
 <ShortName>ACM</ShortName>
 <Grade>VISITING CONSULTANT (客座顧問)</Grade>
 <DOB>02-Feb-1956</DOB>
 <Gender>
  <Code>M</Code>
  <Description>Male</Description>
 </Gender>
 <Address>
  <AddressType>HOME</AddressType>
```

```
    <Address1>123</Address1>
    <Address2>Leviing Road</Address2>
    <Address3></Address3>
    <Address4>Singapore</Address4>
    <Address5>989889</Address5>
  </Address>
  <Contact>123123123</Contact>
  <Document>
   <Code>X2</Code>
   <Description>Person Number (Auto)</Description>
   <Value>PN13-00000035</Value>
   <ExpiryDate></ExpiryDate>
  </Document>
  <Nationality>
   <Code>SG</Code>
   <Description>Singaporean</Description>
  </Nationality>
  <Specialty>
   <Code>ONC</Code>
   <Description>ONCOLOGY</Description>
   <Primary>YES</Primary>
  </Specialty>
  <Image>
   <Type></Type>
   <Height></Height>
   <Width></Width>
   <Base64ImageData></Base64ImageData>
  </Image>
 </Doctor>
```

4.7   GetSpecialtyData

GetDoctorData			
Description:	Retrieve all valid Specialty defined in VESALISUS.		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
Success Output:			

`<?xml version="1.0" encoding="UTF-8"?>`
`<Result>`
` <Specialty>`
`  <Code>01</Code>`
`  <Description>Cardiology</Description>`
` </Specialty>`
` <Specialty>`			

```
   <Code>02</Code>
   <Description>Neurology</Description>
  </Specialty>
  <Specialty>
   <Code>ONC</Code>
   <Description>Oncology</Description>
  </Specialty>
  <Specialty>
   <Code>03</Code>
   <Description>Orthopedic</Description>
  </Specialty>
</Result>
```

4.8   GetDoctorAvailabilityData

GetDoctorData			
Description:	Retrieve all available slots for a specified Doctor for one week from the date passed.		
Input Parameters	**Description**	**Type**	**Mandatory**
TOKEN	Web Session ID – Used to check for active sessions only	Numeric	Y
COMPANY_CODE	Company code	String	Y
MCR	Doctor MCR	String	Y
Date	Start Date Data will be retrieved for 7 days, Beginning from this date Required format : DD-MON-YYYY a.e 01-JAN-2017	String	Y
Success Output:			

```
<?xml version="1.0" encoding="UTF-8"?>
<Result>
 <Availability>
  <28-Jul-2017>
   <Session>
    <StartTime>13:00</StartTime>
    <EndTime>14:00</EndTime>
   </Session>
   <Session>
    <StartTime>14:20</StartTime>
    <EndTime>15:00</EndTime>
   </Session>
   <Session>
    <StartTime>15:10</StartTime>
    <EndTime>16:00</EndTime>
   </Session>
   <Session>
```

```
      <StartTime>16:15</StartTime>
      <EndTime>17:00</EndTime>
    </Session>
    <Session>
      <StartTime>17:20</StartTime>
      <EndTime>18:00</EndTime>
    </Session>
  </28-Jul-2017>
  <29-Jul-2017>
    <Session>
      <StartTime></StartTime>
      <EndTime></EndTime>
    </Session>
  </29-Jul-2017>
  <30-Jul-2017>
    <Session>
      <StartTime></StartTime>
      <EndTime></EndTime>
    </Session>
  </30-Jul-2017>
  <31-Jul-2017>
    <Session>
      <StartTime></StartTime>
      <EndTime></EndTime>
    </Session>
  </31-Jul-2017>
  <01-Aug-2017>
    <Session>
      <StartTime>10:00</StartTime>
      <EndTime>12:00</EndTime>
    </Session>
    <Session>
      <StartTime>14:30</StartTime>
      <EndTime>18:00</EndTime>
    </Session>
  </01-Aug-2017>
  <02-Aug-2017>
    <Session>
      <StartTime></StartTime>
      <EndTime></EndTime>
    </Session>
  </02-Aug-2017>
  <03-Aug-2017>
    <Session>
      <StartTime>14:00</StartTime>
      <EndTime>15:00</EndTime>
    </Session>
    <Session>
      <StartTime>15:20</StartTime>
      <EndTime>18:00</EndTime>
    </Session>
  </03-Aug-2017>
```

```
  </Availability>
</Result>
```