# Web Operations

## Index

Generates an Anti-Forgery Token.

* **HTTP Method**: GET
* **Request arguments**: none
* **Response**: The server includes two tokens in the response. One token is sent as a cookie. The other is placed in a hidden form field. The tokens are generated randomly so that an attacker cannot guess the values.
  + **Sample**: <input name="\_\_RequestVerificationToken" type="hidden" value="IUQc0kwxfFG2b7BoW0bpBTp8dpu0ryfzxHDD1WQmlNq6PnEqnQQ1fs3y0TeNCubGR48wA8XG\_a8-iSrD8-dQ-g0r2Fp\_Bzv-YJNYxz5PZgHwjWu7XLIHGbxLciMlI4S0RrXTBer\_XgEx0UxP5DZ01PZFYsiK9pi4sR64-TUWOmE1" />

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## GetMakes

Gets all the available makes in GMF system.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetMakes
* **Request arguments**: none
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"makes":[{"img":"logoimages/Buick.jpg","makeId":4,"name":"Buick"},{"img":"logoimages/Cadillac.jpg","makeId":1,"name":"Cadillac"},{"img":"logoimages/Chevrolet.jpg","makeId":2,"name":"Chevrolet"},{"img":"logoimages/GMC.jpg","makeId":6,"name":"GMC"}]}

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## GetModels

Gets the models based on their Make ID.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetModels
* **Request arguments**:
  + **Sample**: {"makeId":2,"modelYear": 2017}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"increaseDownPayment":5000.00,"increaseTerm":12,"models":[{"img":"chevrolet/aveo2015.jpg","maximumDownpayment":130160.0,"maximumTerm":60,"minimumDownpayment":16270.0,"minimumTerm":12,"modelId":74,"modelYear":2017,"name":"Aveo"},{"img":"chevrolet/BOLTEV2017.jpg","maximumDownpayment":556880.0,"maximumTerm":60,"minimumDownpayment":69610.0,"minimumTerm":12,"modelId":169,"modelYear":2017,"name":"BOLT EV"},{"img":"chevrolet/camaro.jpg","maximumDownpayment":413120.0,"maximumTerm":60,"minimumDownpayment":51640.0,"minimumTerm":12,"modelId":76,"modelYear":2017,"name":"Camaro"},<…>]}

## GetModelPackages

Gets the model packages based on the Model Group ID.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetModelPackages
* **Request arguments**:
  + **Sample**: {"modelId":"74","modelYear": 2017}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"increaseDownPayment":0.0,"increaseTerm":0,"packages":[{"image":"chevrolet/aveo2015.jpg","makeId":2,"maximumDownpayment":154400.0,"maximumTerm":60,"minimumDownpayment":19300.0,"minimumTerm":12,"modelId":74,"modelName":"Aveo","modelPackageId":440,"modelYear":2017,"name":"Paquete C / LT","price":193000.00},{"image":"chevrolet/aveo2015.jpg","makeId":2,"maximumDownpayment":162480.0,"maximumTerm":60,"minimumDownpayment":20310.0,"minimumTerm":12,"modelId":74,"modelName":"Aveo","modelPackageId":435,"modelYear":2017,"name":"Paquete E / LTZ","price":203100.00},{"image":"chevrolet/aveo2015.jpg","makeId":2,"maximumDownpayment":144320.0,"maximumTerm":60,"minimumDownpayment":18040.0,"minimumTerm":12,"modelId":74,"modelName":"Aveo","modelPackageId":1196,"modelYear":2017,"name":"Paquete F / LT","price":180400.00},<…>]}

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## GetModelPackagesByCode

Gets the model packages based on the make and model code.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetModelPackagesByCode
* **Request arguments**:
  + **Sample**: {"makeCode":"Chevrolet","modelCode":"Spark","modelYear": 2017}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"increaseDownPayment":5000.00,"increaseTerm":12,"packages":[{"image":"chevrolet/Spark2016.jpg","makeId":2,"maximumDownpayment":105920.0,"maximumTerm":60,"minimumDownpayment":13240.0,"minimumTerm":12,"modelId":133,"modelName":"Spark","modelPackageId":906,"modelYear":2017,"name":"Paquete A / LS / CL","price":132400.00},{"image":"chevrolet/Spark2016.jpg","makeId":2,"maximumDownpayment":121680.0,"maximumTerm":60,"minimumDownpayment":15210.0,"minimumTerm":12,"modelId":133,"modelName":"Spark","modelPackageId":916,"modelYear":2017,"name":"Paquete B / LT / CL","price":152100.00},{"image":"chevrolet/Spark2016.jpg","makeId":2,"maximumDownpayment":150960.0,"maximumTerm":60,"minimumDownpayment":18870.0,"minimumTerm":12,"modelId":133,"modelName":"Spark","modelPackageId":1436,"modelYear":2017,"name":"Paquete B / NG","price":188700.00},<…>]}

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## GetMontlyPayment

Gets a simple quotation based on the parameters.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetMontlyPayment
* **Request arguments**:
  + **Sample**: {"downpayment":13240,"makeId":2,"modelCode":"Spark","modelId":133,"term":60,"modelPackageId":906,"modelYear": 2017}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"listPrice":132400.00,"payment":{"value":3261.63}}

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## GetFinacialOptions

Gets a detailed quotation based on the parameters.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetFinacialOptions
* **Request arguments**:
  + **Sample**: {"makeId":2,"modelId":74,"modelCode":"Aveo","downpayment":65412,"term":36,"modelYear":2017,"firstName":"Vicente","lastName":"Sepúlveda","email":"vicente.sepulveda@gmfinancial.com","telephone":"8183214848","postalCode":"64610","DealerBACId":"290490","dealerName":"CAR ONE CHEVROLET ALLENDE","modelPackageId":440,"makeCode":"Chevrolet","telephoneType":"MOBILE","programId":"GMMX\_GMF","marketingId":"GMMX\_GMF\_WEB"}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"finacialOptions":[{"category":"Plan Hot","downPayment":65412.0,"modelCode":"1TV69 - C AVEO 4 PTAS C ","monthlyPayment":3778.22,"planName":"ZCCM AVEO 2017","term":36},{"category":"Plan Especial","downPayment":65412.0,"modelCode":"1TV69 - C AVEO 4 PTAS C ","monthlyPayment":4655.25,"planName":"HCCN PLAN PERSONALIZADO-2017","term":36}]}

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## GeneratePdf

Generate a PDF file with the information of the quotation and saves it in a temporary directory.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GeneratePdf
* **Request arguments**:
  + **Sample**: {"makeId":2,"modelId":74,"term":36,"downpayment":65412,"modelYear":2017,"modelCode":"Aveo","firstName":"Vicente","lastName":"Sepúlveda","email":"vicente.sepulveda@gmfinancial.com","telephone":"8183214848","postalCode":"64610","listPrice":193000,"token":"FlzMlYTOAon7WLQo24uyYq04KlTr4cP2SSMCBfeH6tq4o5SxMqj5Ei3DCTCGqEI7Jp2hsbeAmAeZkMzCqPzWm7MNC4CCmdpH8Z6z9ZNrsV4ihCBiCyH2BJY0fBNhsnd1qvDROx11Zx82dNtXncH9kMYjTgVFbr0lxuEvhNm4ioSztQuFmkLOj1qgsmuSZI1Rus9ipQDn0yMqArf0svpZfo11U3GykW74C0aueflvHEwLNajGugd6RG9FMuLCrWFWi0lpQlEF6nPLxVUMouS6uuj9AQB/1iXtj/lHs3G2OJ390GkXloNcVvOQW/VWk0yGVAzKz9ydxbGrhIXilcTXEQ==","DealerBACId":"290490","dealerName":"CAR ONE CHEVROLET ALLENDE","options":[{"category":"Plan Especial","downPayment":65412,"modelCode":"1TV69 - C AVEO 4 PTAS C ","monthlyPayment":4655.25,"planName":"HCCN PLAN PERSONALIZADO-2017","term":36}],"modelPackage":"Paquete C / LT"}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"file":"9a83f330-a999-48d6-8a52-c06d6f320159"}

## 

## GetPdf

Returns a PDF file stream.

* **HTTP Method**: GET
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/GetPdf
* **Request arguments**:
  + **Sample**: GetPdf?fileName=9a83f330-a999-48d6-8a52-c06d6f320159&downloadFile=false
* **Response**: PDF file stream

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## SendEmail

Sends an e-mail with the quotation in HTML format.

* **HTTP Method**: POST
* **URL**: http://test.gmac-smartlink.com/CwsServiceProxyDEV/Services/SendEmail
* **Request arguments**:
  + **Sample**: {"makeId":2,"modelId":74,"term":36,"downpayment":65412,"modelYear":2017,"modelCode":"Aveo","firstName":"Vicente","lastName":"Sepúlveda","email":"vicente.sepulveda@gmfinancial.com","telephone":"8183214848","postalCode":"64610","listPrice":193000,"token":"FlzMlYTOAon7WLQo24uyYq04KlTr4cP2SSMCBfeH6tq4o5SxMqj5Ei3DCTCGqEI7Jp2hsbeAmAeZkMzCqPzWm7MNC4CCmdpH8Z6z9ZNrsV4ihCBiCyH2BJY0fBNhsnd1qvDROx11Zx82dNtXncH9kMYjTgVFbr0lxuEvhNm4ioSztQuFmkLOj1qgsmuSZI1Rus9ipQDn0yMqArf0svpZfo11U3GykW74C0aueflvHEwLNajGugd6RG9FMuLCrWFW1e0Mb1bkzqG45r9X6+WojfO6OM/pmtZfh8ulhouiHWvukJ9IfikDNUvtEFKoXtpjlxo3fVJCh1l36RuXyCUluw==","DealerBACId":"290490","dealerName":"CAR ONE CHEVROLET ALLENDE","options":[{"category":"Plan Especial","downPayment":65412,"modelCode":"1TV69 - C AVEO 4 PTAS C ","monthlyPayment":4655.25,"planName":"HCCN PLAN PERSONALIZADO-2017","term":36}],"modelPackage":"Paquete C / LT"}
* **Response**: JSON containing the response of the WCF Service
  + **Sample**: {"error":null,"success":true}