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| **SMS – Pull** |

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| **Use Case ID** | **11.1.1** | | |
| **Use Case Name** | **Crop Menu – Novice User** | | |
| **Type/Ref** | SLF1, SLF3, SLF4 | | |
| **Pre Condition** | User knows helpline number where he has to send SMS already. | | |
| **Post Condition** | The Novice User receives SMS with price of the crop he had selected. | | |
| **Actor** | Novice User | | |
| **Main Flow** | This use case helps the novice user to receive an SMS about prices of crops from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. User sends an empty SMS on the Farmer+ help line number. 2. User now sends an SMS by typing **[**1**]** to know price. ***[A1][A2]*** 3. User sends **[**1**]** to know prices of crops. 4. User sends respective crop number in format **[**1**]**, **[**2**]**, **[**3**]**, **[**4**]** or **[**5**]** to know its price. | | | 1. System sends SMS with **Main Menu** in format   **[***ServiceNumber***] [***ServiceName***]** with service number in Arabic numerals and Service Name in Urdu.  *[1] [Prices]*  *[2] [Weather Information]*  *[3] [Complaints]*  *[6] [Help]*   1. System sends SMS with **Price Menu** in format   **[***ServiceNumber***]** with service number in Arabic. numerals  *[1] [Crops]*  *[2] [Seeds]*  *[6] [Help]*     1. System sends SMS with **Crop Menu** in format **[***CropNumber***]** with service number in Arabic numerals. 2. System sends SMS to the user of the price of selected crop set by PARCO. |
| **Alternate Course of Action** | | [A1]: User sends any other digit instead of **[**1**].**  [A2]: User sends [6] for help line. | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.2** | | |
| **Use Case Name** | **Crop Menu – Expert User** | | |
| **Type** | SLF2 | | |
| **Pre Condition** | User knows helpline number where he has to send SMS already. | | |
| **Post Condition** | The Expert User receives SMS with price of the crop he had selected. | | |
| **Actor** | Expert User | | |
| **Main Flow** | This use case helps the expert user to receive an SMS about prices of crops from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. User sends **[***ServiceNumber CropName in British English***]** to know price of a specific crop. [A1] | | | 1. System sends SMS to the user of the price of selected crop set by PARCO. |
| **Alternate Course of Action** | | [A1]: User sends any other name of crop not present in list**.** | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.5** | | |
| **Use Case Name** | **Weather information – Expert User** | | |
| **Type/Ref** | SLF8 | | |
| **Pre Condition** | User knows helpline number already where he has to send SMS. | | |
| **Post Condition** | The Expert User receives SMS with weather information for a particular day. | | |
| **Actor** | Expert User | | |
| **Main Flow** | This use case helps the expert user to receive an SMS of weather information for a selected day. | | |
| **Actor Action** | | | **System Response** |
| 1. User sends **[***ServiceNumber DayNumber***]** to know rain & wind forecast for the specified day. [A1]   i.e.   1. *for Sunday* 2. *for Monday* 3. *for Tuesday* 4. *for Wednesday* 5. *for Thursday* 6. *for Friday* 7. *for Saturday* | | | 1. System sends SMS to the user of the rain & wind forecast retrieved from [www.weather.com](http://www.weather.com) for the day specified. |
| **Alternate Course of Action** | | [A1]: User sends any other *DayNumber* instead of 1 – 7. | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.7** | | |
| **Use Case Name** | **Delayed purchasing complaint – Expert User** | | |
| **Type/Ref** | SLF12 | | |
| **Pre Condition** | User knows helpline number already where he has to send SMS. | | |
| **Post Condition** | The Expert User shall record a complaint of delayed purchasing of a crop by sending an SMS on the Farmer+ helpline number. | | |
| **Actor** | Expert User | | |
| **Main Flow** | This use case helps the expert user to record a complaint of delayed purchasing of a crop by sending an SMS on the Farmer+ helpline number. | | |
| **Actor Action** | | | **System Response** |
| 1. User sends SMS with **[***ServiceNumber CropName***]** to the helpline number to complain for delayed purchasing of a crop | | | 1. System replies with an SMS acknowledging the receipt of the complaint |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | 11.1.10 | | |
| **Use Case Name** | **Unfair Pricing complaint – Novice User** | | |
| **Type/Ref** | SLF16 | | |
| **Pre Condition** | User knows helpline number where he has to send SMS already. | | |
| **Post Condition** | The Novice User shall record a complaint of unfair pricing of a crop by sending an SMS on the Farmer+ helpline number. | | |
| **Actor** | Novice User | | |
| **Main Flow** | This use case helps the novice user to record a complaint about unfair pricing of a crop from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. User sends an empty SMS on the Farmer+ help line number. 2. User now sends an SMS by typing **[3]** to record a complaint. ***[A1][A2]*** 3. User sends **[2]** to record a complaint for delayed purchasing of crops. 4. User sends respective crop number in format **[**1**]**, **[**2**]**, **[**3**]**, **[**4**]** or **[**5**]** to record a complaint for its unfair pricing. | | | 1. System sends SMS with **Main Menu** in format   **[***ServiceNumber***] [***ServiceName***]** with service number in Arabic numerals and Service Name in Urdu.  *[1] [Prices]*  *[2] [Weather Information]*  *[3] [Complaints]*  *[6] [Help]*   1. System sends SMS with **Complaint Menu** in format **[***ServiceNumber***]** with service number in Arabic numerals   *[1] [Delayed Purchasing]*  *[2] [Unfair Pricing]*  *[3][Adulteration of Pesticides]*  *[6] Other*   1. System sends SMS with **Crop Menu** in format **[***CropNumber***]** to select the crop for which the complaint has to be lodged. |
| **Alternate Course of Action** | | [A1]: User sends any other digit instead of **[**3**]** | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **SMS – Push** |

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| **Use Case ID** | **11.1.13** | | |
| **Use Case Name** | **Crop Price Menu** | | |
| **Type/Ref** | SPF1 | | |
| **Pre Condition** |  | | |
| **Post Condition** | The system sends SMS with price of crops. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send an SMS about prices of crops from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a list of crops with crop number and name via an SMS to the users based on their profile information that includes crop name, location, season, price in format e.g.:   **[**1**] Wheat**,  **[**2**] Rice**  **[**3**] …** **[**4**]** or **[**5**]**. | | | 1. User receives SMS sent by the Farmer+ system with the details of 5 location crops and their prices set by PARCO. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.14** | | |
| **Use Case Name** | **Advisory – Cultivation Time** | | |
| **Type/Ref** | SPF2 | | |
| **Pre Condition** | Service has been requested by the user | | |
| **Post Condition** | The system sends SMS with cultivation time duration of a crop. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send an SMS about cultivation time duration of a crop from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. System sends cultivation time duration for a crop via an SMS to the users based on their profile information that includes crop name and time duration found through *Crop Calendar* in format e.g:   [Wheat] [10 days] | | | 1. User receives SMS sent by the Farmer+ system with the details of crop cultivation time for a particular crop. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.17** | | |
| **Use Case Name** | **Advisory – New Market Items** | | |
| **Type/Ref** | SPF5 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends SMS with reaping time duration of a crop. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send an SMS about new market items from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. System sends list of new market items via an SMS to the users according to the description that is *manually* typed it. | | | 1. User receives SMS sent by the Farmer+ system with the list of new market items. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

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| **Use Case ID** | **11.1.19** | | |
| **Use Case Name** | **Warning – Flood** | | |
| **Type/Ref** | SPF6 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends warning SMS to users if a flood is about to come. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send an SMS to the relevant users about warning message for occurrence of a flood | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a warning SMS to the users for occurrence of a flood wherein the location is received from the user’s *profile*. | | | 1. User receives SMS sent by the Farmer+ system signifying a warning message for occurrence of a flood. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the SMS may be delayed or it may not be received. | |

**IVR – Pull**

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| **Use Case ID** | **11.1.23** | | |
| **Use Case Name** | **Crop Price** | | |
| **Type** | ILF1 | | |
| **Pre Condition** | User knows Farmer+ helpline number where he has to call. | | |
| **Post Condition** | The user knows the price of the selected crop | | |
| **Actor** | User | | |
| **Main Flow** | This use case helps the user to know prices of crops by calling on the Farmer+ helpline number | | |
| **Actor Action** | | | **System Response** |
| 1. User calls on Farmer+ helpline number. 2. As per the played IVR, user selects **[1]** to get Price information.   *[1] Rate/Price*  *[2] Weather*  *[3] Complaints*  *[4] Advisory*  *[6] Other*   1. As per the played IVR, user selects **[**1**]** to know price of crop. [A1] 2. User now selects *[CropNumber]* to know price of that crop. | | | 1. System automatically runs the recorded IVR. 2. The menu is:   *[1] Crop*  *[2] Pesticides*  *[3] Fertilizer*  *[4] Seed*  *[5] Agri-equipment*  *[6] Other*   1. The names of 5 location crops & 1 other crop plays. 2. The IVR plays the price of the particular crop set by PARCO. |
| **Alternate Course of Action** | | [A1]: User enters 6 – Other option to record the request. | |
| **Exceptions** | | If the network is unavailable, the call may not get through to the system. | |

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| **Use Case ID** | **11.1.28** | | |
| **Use Case Name** | **Today’s weather information – Rain & Wind** | | |
| **Type/Ref** | ILF6 | | |
| **Pre Condition** | User knows helpline number already where he has to call. | | |
| **Post Condition** | The user is able to know location based weather information. | | |
| **Actor** | User | | |
| **Main Flow** | This use case helps the user to hear weather information for the present day. | | |
| **Actor Action** | | | **System Response** |
| 1. User calls on the Farmer+ helpline number. 2. As per the played IVR, user selects **[2]** to get weather information.   *[1] Rate/Price*  *[2] Weather*  *[3] Complaints*  *[4] Advisory*  *[6] Other*   1. As per the played IVR, user selects **[**1**]** to get today’s weather information. | | | 1. System automatically runs the recorded IVR. 2. The menu played is:   *[1] Today*  *[2] Tomorrow*  *[3] Weekly*  *[6] Other*   1. The IVR plays the rain & wind forecast retrieved from [www.weather.com](http://www.weather.com) for the day specified. |
| **Alternate Course of Action** | | [A1]: User enters *[6] – Other* option. | |
| **Exceptions** | | If the network is unavailable, the call may not get through to the system. | |

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| **Use Case ID** | **11.1.31** | | |
| **Use Case Name** | **Record a delayed purchasing complaint** | | |
| **Type/Ref** | ILF9 | | |
| **Pre Condition** | User knows helpline number where he has to call. | | |
| **Post Condition** | The User shall record a complaint of delayed purchasing of a crop by calling on the Farmer+ helpline number. | | |
| **Actor** | User | | |
| **Main Flow** | This use case helps the user to call and record a complaint about delayed purchasing of a crop. | | |
| **Actor Action** | | | **System Response** |
| 1. User calls on the Farmer+ help line number. 2. As per the played IVR, user selects **[3]** to record a complaint.   *[1] Rate/Price*  *[2] Weather*  *[3] Complaints*  *[4] Advisory*  *[6] Other*   1. User now enters **[1]** to record a complaint for delayed purchasing. ***[A1]*** | | | 1. System automatically runs the recorded IVR. 2. Menu played is   *[1] [Delayed Purchasing]*  *[2] [Unfair Pricing]*  *[3][Adulteration of Pesticides]*  *[6] Other*   1. User records a complaint for delayed purchasing of reaped crops. |
| **Alternate Course of Action** | | [A1]: User sends any other digit instead of **[**1**]** | |
| **Exceptions** | | If the network is unavailable, the call may not get through to the system. | |

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| **Use Case ID** | **11.1.32** | | |
| **Use Case Name** | **Record a complaint for adulteration of pesticides** | | |
| **Type/Ref** | ILF11 | | |
| **Pre Condition** | User knows helpline number where he has to call. | | |
| **Post Condition** | The User shall record a complaint of unfair pricing of a crop by calling on the Farmer+ helpline number. | | |
| **Actor** | User | | |
| **Main Flow** | This use case helps the user to call and record a complaint regarding adulteration of pesticides. | | |
| **Actor Action** | | | **System Response** |
| 1. User calls on the Farmer+ help line number. 2. As per the played IVR, user selects **[3]** to record a complaint.   *[1] Rate/Price*  *[2] Weather*  *[3] Complaints*  *[4] Advisory*  *[6] Other*   1. User now enters **[3]** to record a complaint for adulteration of pesticides. ***[A1]*** | | | 1. System automatically runs the recorded IVR. 2. Menu played is:   *[1] [Delayed Purchasing]*  *[2] [Unfair Pricing]*  *[3][Adulteration of Pesticides]*  *[6] [Other]*   1. User records a complaint for adulteration of pesticides. |
| **Alternate Course of Action** | | [A1]: User sends any other digit instead of **[**3**]** | |
| **Exceptions** | | If the network is unavailable, the call may not get through to the system. | |

**IVR – Push**

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| **Use Case ID** | **11.1.36** | | |
| **Use Case Name** | **Crop Price Menu** | | |
| **Type/Ref** | IPF1 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends an IVR with price of crops. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send a talkie about prices of crops from the Farmer+ system | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a talkie to the users of 5 location crops & 1 other based on user’s profile information that includes crop name, location, season, price in format and the date from calendar e.g.:   **[**1**] Wheat**,  **[**2**] Rice**  **[**3**] …** **[**4**]** or **[**5**]**. | | | 1. User receives a talkie message sent by the Farmer+ system with the details of 5 location crops and their prices set by PARCO which plays when the user receives it. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the talkie may not get through to the system. | |

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| **Use Case ID** | **11.1.38** | | |
| **Use Case Name** | **Advise – Cultivation Time** | | |
| **Type/Ref** | IPF3 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends an IVR with location based crop cultivation time. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send a talkie with location based crop cultivation time. | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a talkie to the users of cultivation time of a crop based on user’s profile information that includes crop name, location, season and the cultivation time from calendar. | | | 1. User receives a talkie message sent by the Farmer+ system with the crop cultivation time. The recording is less than 10 seconds. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the talkie may not get through to the system. | |

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| **Use Case ID** | **11.1.40** | | |
| **Use Case Name** | **Advise – New market items** | | |
| **Type/Ref** | IPF6 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends an IVR with new market items information | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send a talkie with new market items information. | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a talkie to the users of any new market items. The item name and information is manually recorded. | | | 1. User receives a talkie message sent by the Farmer+ system with the list of new market items. The recording is less than 30 seconds. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the talkie may not get through to the system. | |

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| **Use Case ID** | **11.1.41** | | |
| **Use Case Name** | **Warning – Flood** | | |
| **Type/Ref** | IPF7 | | |
| **Pre Condition** | System Manager has triggered the push service | | |
| **Post Condition** | The system sends an IVR with a warning message for occurrence of flood | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send a talkie with a warning message for occurrence of a flood. | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a talkie to the users of occurrence of a flood. The information is received from the profile including location and a warning trigger. | | | 1. User receives a talkie message sent by the Farmer+ system with warning of flood occurrence. The recording is less than 10 seconds. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the talkie may not get through to the system. | |

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| **Use Case ID** | **11.1.43** | | |
| **Use Case Name** | **Warning – wind** | | |
| **Type/Ref** | IPF9 | | |
| **Pre Condition** | Scheduler has triggered the push service | | |
| **Post Condition** | The system sends an IVR with a warning message for wind level crossing the threat level. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the system to send a talkie with a warning message for wind level crossing the threat level. | | |
| **Actor Action** | | | **System Response** |
| 1. System sends a talkie to the users for occurrence of a wind storm. The wind information is received from *weather.com* and location from the profile. | | | 1. User receives a talkie message sent by the Farmer+ system with warning of a wind storm. The recording is less than 10 seconds. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | If the network is unavailable, the talkie may not get through to the system. | |

**Profile**

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| **Use Case ID** | **11.1.45** | | |
| **Use Case Name** | **Enter Location Data** | | |
| **Type/Ref** | CMF1 | | |
| **Pre Condition** | Administrator has rights to access the profile interface. | | |
| **Post Condition** | Location data is stored in system database. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to enter location data using the profile interface | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the profile interface. He enters the location data and saves it. The area name will be in English characters and the area code in Arabic numerals. | | | 1. The location data is stored in Urdu language font for SMS and in Punjabi voice language for IVR. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Location data is not complete | |

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| **Use Case ID** | **11.1.46** | | |
| **Use Case Name** | **Enter Crop Data** | | |
| **Type/Ref** | CMF2 | | |
| **Pre Condition** | Administrator has rights to access the profile interface. | | |
| **Post Condition** | Crop data is stored in system database. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to enter crop data using the profile interface | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the profile interface. He enters the crop data and saves it. The crop name and price are from PARCO. | | | 1. The crop data is stored in the system database. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Crop data is not complete | |

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| **Use Case ID** | **11.1.50** | | |
| **Use Case Name** | **Enter Agri-equipment Data** | | |
| **Type/Ref** | CMF6 | | |
| **Pre Condition** | Administrator has rights to access the profile interface. | | |
| **Post Condition** | Agri-equipment data is stored in system database. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to enter agri-equipment data using the profile interface | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the profile interface. He enters the agri-equipment data and saves it. The equipment name and service center location will be retrieved from company data. | | | 1. The agri-equipment data is stored in the system database. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Company data is not complete | |

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| **Use Case ID** | **11.1.51** | | |
| **Use Case Name** | **Enter Warning Data** | | |
| **Type/Ref** | CMF7 | | |
| **Pre Condition** | Administrator has rights to access the profile interface. | | |
| **Post Condition** | Warning data is stored in system database. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to enter warning data using the profile interface | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the profile interface. He enters the warning data and saves it.  * Type (rain, wind) *from* Weather Service manager * Type (pest, flood) *from* User * Severity (rain, wind) *from* Weather Service manager * Severity (pest, flood) *from* User   + Suggestion *from* User | | | 1. The warning data is stored in the system database. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Incomplete Data | |

**Scheduler**

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| **Use Case ID** | **11.1.52** | | |
| **Use Case Name** | **Set Calendar Events** | | |
| **Type/Ref** | CMF8 | | |
| **Pre Condition** | Administrator has rights to access the scheduler interface. | | |
| **Post Condition** | A calendar event is set. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to set up calendar events. | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the profile interface. He sets the calendar event and saves it which may include:  * System Calendar * Event Schedule * Event Description * Cultivation Period * Reaping Period * Spray Period   + Market Item Info | | | 1. The calendar event is stored in the system database.    * For SMS, Season shall be stored in Urdu Language font.    * For IVR, Season shall be stored in Urdu Voice Language.    * For IVR, Month from *Calendar* shall be stored in Urdu Voice Language.    * For IVR, Date from *Calendar* shall be stored in Urdu Voice Language    * For IVR, Year from *Calendar* shall be stored in Urdu Voice Language |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Data is not complete | |

**Complaint Manager**

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| **Use Case ID** | **11.1.54** | | |
| **Use Case Name** | **Log Complaints** | | |
| **Type/Ref** | CMF9 | | |
| **Pre Condition** | Administrator has rights to access the profile interface. | | |
| **Post Condition** | Complaints are logged categorically | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to log complaint. | | |
| **Actor Action** | | | **System Response** |
| * 1. Recorded logs are organized according to category | | | * 1. Notifications for recommendations are stores in the database |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Departmental recommendations are not available | |

**Marketing Manager**

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| **Use Case ID** | **11.1.55** | | |
| **Use Case Name** | **Enter new market item information** | | |
| **Type/Ref** | CMF11 | | |
| **Pre Condition** | Administrator has rights to access the marketing manager interface. | | |
| **Post Condition** | New market item data is stored in system database. | | |
| **Actor** | System | | |
| **Main Flow** | This use case helps the user to enter new market item data using the marketing manager interface | | |
| **Actor Action** | | | **System Response** |
| 1. User logs in as administrator and opens the marketing manager interface. He enters the new market item data and saves it including:    * Item Code    * Item Name    * Item Price    * Description    * Push Type(IVR/SMS)    * Push Period | | | 1. The new market item data is stored in the system database with IVR recording less than 10 seconds and SMS text less than 5 lines. |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Incomplete product information is supplied | |

**Web Services Manager**

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| **Use Case ID** | **11.1.58** | | |
| **Use Case Name** | **Specify mapping criteria** | | |
| **Type/Ref** | CMF13 | | |
| **Pre Condition** | Administrator has rights to access the marketing manager interface. | | |
| **Post Condition** | Mappings according to the linguistic data are stored | | |
| **Actor** | System | | |
| **Main Flow** | This use case stores mapping of the meteorological data into local language representation | | |
| **Actor Action** | | | **System Response** |
| 1. Data in meteorological is supplied by web services for a location e.g: 2. Wind Speed = 30 km/hr 3. Rain = Drizzle | | | 1. Meteorological data is converted into local language translation e.g: 2. “Halki” 3. “Tez” |
| **Alternate Course of Action** | |  | |
| **Exceptions** | | Web Services are down | |