Financial Activity Of Agricultural Land

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Appoint Assistant and Partner | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 1 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Assistant, Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Partner and assistant will request for a job and owner will appoint them with terms and conditions. | |
| Precondition: | There is no precondition anyone can request for a job. | |
| Trigger: | When partner and assistant request for a job. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Assistant and partner will request for job.  Step 3: Assistant and partner will agree. | Stop 2: Owner will tell the terms and conditions.  Stop 4: Owner will appoint assistant and partner. |
| Alternate Courses: | ALT Step – 3:  If Assistant and Partner does not agree to terms and conditions, hence the use case exit. | |
| Conclusion: | Assistant and Partner will be hired. | |
| Post condition: | Owner will allot the land. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Appoint Assistant and Partner | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 1 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | System | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Partner will request for a job and owner will appoint him with terms and conditions. | |
| Precondition: | There is no precondition anyone can request for a job. | |
| Trigger: | When partner requests for a job. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will sign up and agree on terms and conditions. | Stop 2: Partner details will be stored in database. |
| Alternate Courses: | ALT Step – 3:  If Partner does not agree to terms and conditions, hence the use case exit. | |
| Conclusion: | Partner will be hired. | |
| Post condition: | Owner will allot the land. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Allot the Land | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 2 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will allot the land for agriculture which he owns, to the partner so that he will start working. | |
| Precondition: | The Owner will appoints assistant and partner. | |
| Trigger: | When partner and assistant are appointed by Owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will request for land. | Stop 2: Owner will allot the land. |
| Alternate Courses: | ALT Step – 2:  If Owner does not have any land available then he will not allot the land, hence use case exit. | |
| Conclusion: | Partner will have a land for agriculture allotted by Owner. | |
| Post condition: | Owner will provide equipment and machinery. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Allot the Land | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 2 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will allot the land for agriculture which he owns, to the partner so that he will start working. | |
| Precondition: | The Owner will appoint partner. | |
| Trigger: | When partner is appointed by Owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will login and click on request for land. | Stop 2: Owner will login and click on allot the land. |
| Alternate Courses: | ALT Step – 2:  If Owner does not have any land available then he will not allot the land, hence use case exit. | |
| Conclusion: | Partner will have a land for agriculture allotted by Owner. | |
| Post condition: | Owner will provide equipment and machinery. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide equipment and machinery | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 3 |
| Priority: | Medium |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | Assistant | |
| Other interested Stakeholders: | -- | |
| Description: | After allotment of land owner will provide equipment and machinery to the partner so that he can plain the field. | |
| Precondition: | The Owner will allot the land. | |
| Trigger: | When Owner will allot the land. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will request for equipment and machinery when required. | Stop 2: Owner will provide the equipment and machinery when required. |
| Alternate Courses: | ALT Step – 1:  If Partner have his own equipment and machinery than he will not ask the owner for equipment and machinery, hence use case exit.  ALT Step – 2:  If the Owner does not have equipment and machinery than the use case exit. | |
| Conclusion: | Partner will get the equipment and machinery. | |
| Post condition: | Partner will Plain the field. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide equipment and machinery | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 3 |
| Priority: | Medium |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | After allotment of land owner will provide equipment and machinery to the partner so that he can plain the field. | |
| Precondition: | The Owner will allot the land. | |
| Trigger: | When Owner will allot the land. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will click on request for equipment and machinery when required. | Stop 2: Owner will provide the equipment and machinery when required. |
| Alternate Courses: | ALT Step – 1:  If Partner have his own equipment and machinery than he will not ask the owner for equipment and machinery, hence use case exit.  ALT Step – 2:  If the Owner does not have equipment and machinery than the use case exit. | |
| Conclusion: | Partner will get the equipment and machinery. | |
| Post condition: | Partner will Plain the field. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Plain the field | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 4 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | -- | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | When the owner will provide equipment and machinery to the partner than the partner will plain the field. | |
| Precondition: | The Owner provides equipment and machinery. | |
| Trigger: | When Owner will provide the equipment and machinery. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner brings the equipment and machinery.  Step 2: Partner will plain the field. |  |
| Alternate Courses: | ALT Step – 1:  If Partner does not have machinery than the use case exit. | |
| Conclusion: | The Partner will Plain the field. | |
| Post condition: | Owner will calculate and request for loan from middleman. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Calculate and request for loan | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 5 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Middleman | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will calculate how much loan he needs, then he will request middleman for loan. | |
| Precondition: | Partner will plain the field. | |
| Trigger: | When the field is plained. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will calculate how much loan he wants.  Step 2: Owner will request middleman for loan. | Step 3: Middleman will receive the request of loan. |
| Alternate Courses: | ALT Step – 1:  If Owner have enough money he will not ask for loan, hence use case will exit. | |
| Conclusion: | Owner will request the loan from middleman. | |
| Post condition: | Middleman will provide the loan. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Calculate and request for loan | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 5 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Middleman | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will calculate how much loan he needs, then he will request middleman for loan. | |
| Precondition: | Partner will plain the field. | |
| Trigger: | When the field is planed. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will enter quantity and price of things to calculate the loan required.  Step 2: Owner will click on request for loan. | Step 3: Middleman will receive the request of loan. |
| Alternate Courses: | ALT Step – 1:  If Owner have enough money he will not ask for loan, hence use case will exit. | |
| Conclusion: | Owner will request the loan from middleman. | |
| Post condition: | Middleman will provide the loan. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide Loan for seeds, fertilizers and medicines. | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 6 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Middleman | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | Assistant | |
| Other interested Stakeholders: | -- | |
| Description: | Middleman will provide loan for seeds, fertilizers and medicines to owner. The owner will take the loan and the assistant will maintain the record. | |
| Precondition: | Owner calculates and request for loan. | |
| Trigger: | When the owner will request the middleman for loan. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Middleman will provide loan to the owner. | Step 2: Owner will receive the loan from the middleman.  Step 3: The owner will buy the seeds, fertilizers and medicines. |
| Alternate Courses: | ALT Step – 1:  If the middleman doesn’t have cash then he will not provide loan and instead will provide seeds, fertilizers and medicines. | |
| Conclusion: | Owner will receive the loan from middleman. | |
| Post condition: | Owner will provide seeds, fertilizers and medicines. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide seeds, fertilizers and medicines. | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 7 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | Assistant | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will provide seeds, fertilizers and medicines to the partner from the loan given by middleman and the assistant will maintain the record. | |
| Precondition: | Middleman provides loan to the owner. | |
| Trigger: | When the middleman will provide loan to the owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will request for seeds, fertilizers and medicine. | Step 2: Owner will provide seeds, fertilizers and medicine to the partner. |
| Alternate Courses: | -- | |
| Conclusion: | Seeds, fertilizers and medicine have been provided to the partner. | |
| Post condition: | Partner will sow the seeds. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide seeds, fertilizers and medicines. | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 7 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will provide seeds, fertilizers and medicines to the partner from the loan given by middleman. | |
| Precondition: | Middleman provides loan to the owner. | |
| Trigger: | When the middleman will provide loan to the owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will click on request for seeds, fertilizers and medicine. | Step 2: Owner will get request and provide seeds, fertilizers and medicine to the partner. |
| Alternate Courses: | -- | |
| Conclusion: | Seeds, fertilizers and medicine have been provided to the partner. | |
| Post condition: | Partner will sow the seeds. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Sow the seeds | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 8 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | -- | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Partner will get the seeds and he will sow the seeds in the field. | |
| Precondition: | Owner will provide the seeds to the partner. | |
| Trigger: | It initiates when the owner provides the seeds to the partner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will get the seeds.  Step 2: Partner will sow the seeds in the field. |  |
| Alternate Courses: | -- | |
| Conclusion: | The Partner will sow the seeds in the field. | |
| Post condition: | The Partner will spray the fertilizers. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Spray Fertilizers | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 9 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | -- | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | When Partner has sown the seeds than he will spray fertilizers and medicines. | |
| Precondition: | The Partner had sown the seeds in the field. | |
| Trigger: | It initiates when the partner sows the seeds. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will get the fertilizers.  Step 2: Partner will spray the fertilizers in the field. |  |
| Alternate Courses: | -- | |
| Conclusion: | The Partner will spray the fertilizers in the field. | |
| Post condition: | The Partner will irrigate the land. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Irrigate the land | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 10 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | -- | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | When the seeds are sowed and fertilizers have been sprayed now partner will regularly irrigate the land to make crop ready. | |
| Precondition: | Partner must have sowed the seeds and sprayed fertilizers. | |
| Trigger: | It initiates when the partner have sowed the seeds and sprayed fertilizers. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will take care of crops.  Step 2: Partner will irrigate the field. |  |
| Alternate Courses: | -- | |
| Conclusion: | Partner completes the irrigation of the land. | |
| Post condition: | Crops will be ready for harvesting. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Harvest the land | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 11 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Partner | |
| Primary system Actor: | -- | |
| Other Participating Actors: | Assistant | |
| Other interested Stakeholders: | -- | |
| Description: | When crops will be ready. Partner will harvest the land and assistant will maintain the record. | |
| Precondition: | Land must be irrigated. | |
| Trigger: | It is initiated when the partner irrigates the land. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Partner will have the machinery.  Step 2: Partner will harvest the land. |  |
| Alternate Courses: | Alt Step 2: If the crops are destroyed so that nothing will be harvested, hence the use case will exit. | |
| Conclusion: | Crops will be harvested. | |
| Post condition: | Owner will sell the crops. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Sell the crops | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 12 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Middleman | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | When crops are harvested. Owner will take the crops to middleman for sell. | |
| Precondition: | Partner harvests the land. | |
| Trigger: | It is initiated when the land is harvested. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: The Owner loads and transport crops to middleman for sell. | Step 2: The middleman receives and weighs the crops. |
| Alternate Courses: | -- | |
| Conclusion: | Crops will be sold by owner. | |
| Post condition: | Middleman will buy the crops. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Provide Necessities of living to owner | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 13 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Middleman | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | The middleman buys the crops from the owner and he will provide Necessities of living to the owner. | |
| Precondition: | Owner will sell the crops to the middleman. | |
| Trigger: | It is initiated when the middleman buys the crops from the owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: The Owner will request the necessities of living from middleman. | Step 2: The middleman will provide the necessities of living to owner. |
| Alternate Courses: | Alt Step 1: If owner doesn’t request, hence the use case exit. | |
| Conclusion: | The middleman will provide the necessities of living to the owner. | |
| Post condition: | Middleman gives cash to owner. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Provide Necessities of living to owner | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 13 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Middleman | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | The middleman buys the crops from the owner and he will provide Necessities of living to the owner. | |
| Precondition: | Owner will sell the crops to the middleman. | |
| Trigger: | It is initiated when the middleman buys the crops from the owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: The Owner will click on request for necessities of living. | Step 2: The middleman will receive the request and will enter the price of necessities provided to owner. |
| Alternate Courses: | Alt Step 1: If owner doesn’t click on request, hence the use case exit. | |
| Conclusion: | The middleman will provide the necessities of living to the owner. | |
| Post condition: | Middleman gives cash to owner. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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| --- | --- | --- |
| Use Case Name: | Gives Cash | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 14 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Middleman | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | Assistant | |
| Description: | Middleman calculates the overall loans (loan + necessities) and subtract them from the price of crops calculated. After that he gives cash to owner. | |
| Precondition: | Owner will be in profit. | |
| Trigger: | It is initiated when the crops are sold. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Middleman calculates the total loan on owner.  Step 2: Middleman calculates the crop price and cuts the loan. | Step 3: Owner will receive the cash and share details with assistant. |
| Alternate Courses: | ALT Step 2: If loan is not cleared than owner will be in deficit. | |
| Conclusion: | Owner will receive the cash. | |
| Post condition: | Assistant will calculate partner’s share. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

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|  |  |  |
| --- | --- | --- |
| Use Case Name: | Gives Cash | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 14 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Middleman | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Middleman calculates the overall loans (loan + necessities) and subtract them from the price of crops calculated. After that he gives cash to owner. | |
| Precondition: | Owner will be in profit. | |
| Trigger: | It is initiated when the crops are sold. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Middleman will login and click on calculates the total loan on owner.  Step 2: Middleman will click on calculates the crop price and cuts the loan. | Step 3: Owner will receive the cash . |
| Alternate Courses: | ALT Step 2: If loan is not cleared than owner will be in deficit. | |
| Conclusion: | Owner will receive the cash. | |
| Post condition: | Owner will calculate partner’s share. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Maintains Record | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 15 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Assistant | |
| Other Participating Actors: | Partner | |
| Other interested Stakeholders: | -- | |
| Description: | Assistant will maintain the record of equipment, seeds, fertilizers and medicines provided by owner to partner. He will also maintain the loan on owner and the crop harvested by partner. | |
| Precondition: | Assistant needs to be appointed. | |
| Trigger: | It is initiated when the owner will provide equipment and machinery. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will tell the equipment provided to partner.  Step 3: Owner will provide the details of loan.  Step 5: Owner will tell the details of seeds, fertilizers and medicines provided to partner.  Step 7: Owner will provide the details of crops harvested. | Step 2: Assistant will keep the record of equipment.  Step 4: Assistant will keep the record of loan.  Step 6: Assistant will keep the record of seeds, fertilizers and medicines provided to partner.  Step 8: Assistant will keep the record of crops harvested. |
| Alternate Courses: | -- | |
| Conclusion: | Assistant will maintains the record. | |
| Post condition: | Will help in calculating partner’s share. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Maintains Record | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 15 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner, Middleman | |
| Primary system Actor: | System | |
| Other Participating Actors: | -- | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will enter the price of equipment, seeds, fertilizers and medicines provided by him to the partner. Middleman will enter the loan on owner and the price of crop harvested by partner. | |
| Precondition: | Machinery should be provided. | |
| Trigger: | It is initiated when the owner will provide equipment and machinery. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will enter the price of equipment provided to partner.  Step 3: Middleman will enter the price of loan (Necessities + Loan) provided to partner.  Step 5: Owner will enter the price of seeds, fertilizers and medicines provided to partner.  Step 7: Middleman will enter the price of crops. | Step 2: System will store the price of equipment in database.  Step 4: System will store the price of loan (Necessities + Loan).  Step 6: System will store the price of seeds, fertilizers and medicines in database.  Step 8: System will store the price of crops in database. |
| Alternate Courses: | -- | |
| Conclusion: | System will maintains the record. | |
| Post condition: | Will help in calculating partner’s share. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Calculate Partner’s Share | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 16 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Assistant | |
| Primary system Actor: | Owner | |
| Other Participating Actors: | Middleman, Partner | |
| Other interested Stakeholders: | -- | |
| Description: | Middleman will give cash to owner. Assistant will calculate partner’s share and will tell it to owner. | |
| Precondition: | Middleman should have given the cash to owner. | |
| Trigger: | It is initiated when the middleman gives cash to owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Assistant will calculate partner’s share.  Step 2: Assistant will tell the partner’s share to owner. | Step 3: Owner will check the calculations. |
| Alternate Courses: | -- | |
| Conclusion: | Partner’s share will be calculated. | |
| Post condition: | Owner will give profit to Partner. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Calculate Partner’s Share | Business requirement:  System analysis:  System design: Yes |
| Use Case ID: | Ag – 16 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | System | |
| Other Participating Actors: | Partner | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will calculate the partner’s share by subtracting the half price of seeds from the price of crops sold and will subtract the full price of machinery from the price of crops sold on system. | |
| Precondition: | Middleman should have given the cash to owner. | |
| Trigger: | It is initiated when the middleman gives cash to owner. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will open the screen of calculations. | Step 2: System will show the partner’s share after subtracting the half price of seeds, fertilizers, medicines and full price of machinery from the price of crops sold. |
| Alternate Courses: | -- | |
| Conclusion: | Partner’s share will be calculated. | |
| Post condition: | Owner will give profit to Partner. | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |

Author(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ version: 1.00 \_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Gives Profit. | Business requirement:  System analysis: Yes  System design: |
| Use Case ID: | Ag – 17 |
| Priority: | High |
| Source: |  |
| Primary Business Actor: | Owner | |
| Primary system Actor: | Partner | |
| Other Participating Actors: | Assistant | |
| Other interested Stakeholders: | -- | |
| Description: | Owner will give cash to partner after the calculation is done by assistant. | |
| Precondition: | Assistant will calculate Partner’s share. | |
| Trigger: | It is initiated when the assistant calculates Partner’s share. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Owner will give cash to partner. | Step 2: Partner will receive the cash. |
| Alternate Courses: | -- | |
| Conclusion: | Partner will receive his share. | |
| Post condition: | -- | |
| Business Rules: | - | |
| Implementation Constraints and specifications: | - | |
| Assumptions: | - | |
| Open Issues | None | |