|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule** | **Antecedent** | **Consequent** | **Sentence** | **Type** **dependencies** | **Changed** **dependencies** | **POS** **TAGS** |
| SSR1 | **nsubj**(A,B), **iobj**(A,C),  **dobj**(A,D) | SVIODO (Subject-  Verb-IndirectObject-  DirectObject) | The system sends  the user an email. | [det(system-2, The-1), **nsubj**(sends-3, system-2), root(ROOT-0,  sends-3), det(user-5, the-4), **iobj**(sends-3, user-5), det(email-7, an-  6), **dobj**(sends-3, email-7)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**iobj**', 3, 5), ('det', 7, 6), ('**dobj**', 3, 7), ('punct', 3, 8)] | [('The', 'DT'), ('system', 'NN'), ('sends', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('an', 'DT'), ('sms', 'NN'), ('.', '.')] |
| SSR2 | **nsubj**(A,B), **dobj**(A,C),  **complm**(D,E), **nsubj**(D,F) | SVDOThatClause  (Subject-Verb-  DirectObject-  ThatClause) | The system informs  the user that  the battery is full | [det(system-2, The-1), **nsubj**(informs-3, system-2), root(ROOT-  0, informs-3), det(user-5, the-4), **dobj**(informs-3, user-5),  **complm**(full-10, that-6), det(battery-8, the-7), **nsubj**(full-10,  battery-8), **cop**(full-10, is-9), ccomp(informs-3, full-10)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**mark**', 10, 6), ('det', 8, 7), ('**nsubj**', 10, 8), ('**cop**', 10, 9), (**'ccomp'**, 5, 10), ('punct', 3, 11)] | [('The', 'DT'), ('system', 'NN'), ('informs', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('that', 'IN'), ('the', 'DT'), ('battery', 'NN'), ('is', 'VBZ'), ('full', 'JJ')] |
| SSR3 | **nsubj**(A,B), **complm**(  C,D), **nsubj**(C,E) | SVThatClause (Subject-  Verb-ThatClause) | The system validates  that the password  is correct | [det(system-2, The-1), **nsubj**(validates-3, system-2), root(ROOT-  0, validates-3), **complm**(correct-8, that-4), det(password-6,  the-5), **nsubj**(correct-8, password-6), **cop**(correct-8, is-7),  ccomp(validates-3, correct-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**mark**', 8, 4), ('det', 6, 5), ('**nsubj**', 8, 6), ('**cop**', 8, 7), ('ccomp', 3, 8), ('punct', 3, 9)] | [('The', 'DT'), ('system', 'NN'), ('validates', 'VBZ'), ('that', 'IN'), ('the', 'DT'), ('password', 'NN'), ('is', 'VBZ'), ('correct', 'JJ')] |
| SSR4 | **nsubj**(A,B), **dobj**(A,C),  **neg**(D,E), **aux**(D,F),  **infmod**(C,D) | SVDONotToInf  (Subject-Verb-  DirectObject-Not-  To-Infinitive) | The system warns  the user not to  restart the system. | [det(system-2, The-1), **nsubj**(warns-3, system-2), root(ROOT-0,  warns-3), det(user-5, the-4), **dobj**(warns-3, user-5), **neg**(restart-8,  not-6), **aux**(restart-8, to-7), **infmod**(user-5, restart-8), det(system-  10, the-9), **dobj**(restart-8, system-10)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**neg**', 8, 6), ('**mark**', 8, 7), ('**xcomp**', 3, 8), ('det', 10, 9), ('**dobj**', 8, 10), ('punct', 3, 11)] | [('The', 'DT'), ('system', 'NN'), ('warns', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('not', 'RB'), ('to', 'TO'), ('restart', 'VB'), ('the', 'DT'), ('system', 'NN'), ('.', '.')] |
| SSR5 | **nsubj**(A,B), **neg**(C,D),  **aux**(C,E), **xcomp**(A,C),  **dobj**(C,F) | SVNotToInf (Subject-  Verb-Not-To-Infinitive) | The customer selects  not to fill the  tank | [det(customer-2, The-1), **nsubj**(selects-3, customer-2), root(ROOT-  0, selects-3), **neg**(fill-6, not-4), **aux**(fill-6, to-5), **xcomp**(selects-3,  fill-6), det(tank-8, the-7), **dobj**(fill-6, tank-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**neg**', 6, 4), ('**mark**', 6, 5), ('**xcomp**', 3, 6), ('det', 8, 7), ('**dobj**', 6, 8)] | [('The', 'DT'), ('customer', 'NN'), ('selects', 'VBZ'), ('not', 'RB'), ('to', 'TO'), ('fill', 'VB'), ('the', 'DT'), ('tank', 'NN')] |
| SSR6 | **nsubj**(A,B), **nsubj**(C,D),  **aux**(C,E), **cop**(C,F),  **xcomp**(A,C) | SVDOtobeComp  (Subject-Verb-  DirectObject-to-be-  Complement) | The system **mark**s  the errors to be red. | [det(system-2, The-1), **nsubj**(**mark**s-3, system-2), root(ROOT-0,  **mark**s-3), det(errors-5, the-4), **nsubj**(red-8, errors-5), **aux**(red-8,  to-6), **cop**(red-8, be-7), **xcomp**(**mark**s-3, red-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**mark**', 8, 6), ('**cop**', 8, 7), (**'advcl'**, 3, 8), ('punct', 3, 9)] | [('The', 'DT'), ('system', 'NN'), ('**mark**s', 'VBZ'), ('the', 'DT'), ('errors', 'NNS'), ('to', 'TO'), ('be', 'VB'), ('red', 'JJ'), ('.', '.')] |
| SSR7 | **nsubj**(A,B), **dobj**(A,C),  **aux**(D,E), **infmod**(C,D) | SVDOToInf (Subject-  Verb-DirectObject-To-  Infinitive) | The system commands  the motor to  start. | [det(system-2, The-1), **nsubj**(commands-3, system-2), root(ROOT-  0, commands-3), det(motor-5, the-4), **dobj**(commands-3, motor-5),  **aux**(start-7, to-6), **infmod**(motor-5, start-7)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**mark**', 7, 6), (**'advcl'**, 3, 7), ('punct', 3, 8)] | [('The', 'DT'), ('system', 'NN'), ('commands', 'VBZ'), ('the', 'DT'), ('motor', 'NN'), ('to', 'TO'), ('start', 'VB'), ('.', '.')] |
| SSR8 | **nsubj**(A,B), **dobj**(A,C),  **partmod**(C,D) and **POStag**(  D)==“VBG” | SVDOPresentPart  (Subject-Verb-  DirectObject-  PresentParticiple) | The system keeps  the user waiting. | [det(system-2, The-1), **nsubj**(keeps-3, system-2), root(ROOT-0,  keeps-3), det(user-5, the-4), **dobj**(keeps-3, user-5), **partmod**(user-5,  waiting-6)]. | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**nsubj**', 6, 5), (**'dep'**, 3, 6), ('punct', 3, 7)] | [('The', 'DT'), ('system', 'NN'), ('keeps', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('waiting', 'NN'), ('.', '.')] |
| SSR9 | **nsubj**(A,B), **dobj**(A,C),  **partmod**(C,D) and **POStag**(  D)==“VBN” | SVDOPastPart  (Subject-Verb-  DirectObject-  PastParticiple) | The system validates  the record entered  by the customer. | [det(system-2, The-1), **nsubj**(validates-3, system-2), root(ROOT-  0, validates-3), det(record-5, the-4), **dobj**(validates-3, record-5),  **partmod**(record-5, entered-6), **prep**(entered-6, by-7), det(customer-  9, the-8), **pobj**(by-7, customer-9)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), (**'acl'**, 5, 6), (**'case'**, 9, 7), ('det', 9, 8), (**'nmod'**, 6, 9), ('punct', 3, 10)] | [('The', 'DT'), ('system', 'NN'), ('validates', 'VBZ'), ('the', 'DT'), ('record', 'NN'), ('entered', 'VBN'), ('by', 'IN'), ('the', 'DT'), ('customer', 'NN'), ('.', '.')] |
| SSR10 | **nsubj**(A,B), **nsubj**(C,D),  **xcomp**(A,C) and **POStag**(  C)==“JJ” | SVDOAdj (Subject-  Verb-DirectObject-  Adjective-Complement) | The system keeps  the door open | [det(system-2, The-1), **nsubj**(keeps-3, system-2), root(ROOT-0,  keeps-3), det(door-5, the-4), **nsubj**(open-6, door-5), **xcomp**(keeps-  3, open-6)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**nsubj**', 6, 5), ('**xcomp**', 3, 6)] | [('The', 'DT'), ('system', 'NN'), ('keeps', 'VBZ'), ('the', 'DT'), ('door', 'NN'), ('open', 'JJ')] |
| SSR11 | **nsubj**(A,B), **nsubj**(C,D),  **xcomp**(A,C) and **POStag**(  C)==“NN” | SVDONoun (Subject-  Verb-DirectObject-  NounComplement) | The system makes  the user an administrator. | [det(system-2, The-1), **nsubj**(makes-3, system-2), root(ROOT-  0, makes-3), det(user-5, the-4), **nsubj**(administrator-7, user-5),  det(administrator-7, an-6), **xcomp**(makes-3, administrator-7)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**nsubj**', 7, 5), ('det', 7, 6), ('**xcomp**', 3, 7), ('punct', 3, 8)] | [('The', 'DT'), ('system', 'NN'), ('makes', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('an', 'DT'), ('administrator', 'NN'), ('.', '.')] |
| SSR12 | **nsubj**(A,B), **dobj**(C,D),  **advmod**(D,E), **aux**(D,F),  **xcomp**(A,D) | SVDOConjToInf  (Subject-Verb-  DirectObject-  Conjunctive-To-  Infinitive) | The system tells  the user where to  go. | [det(system-2, The-1), **nsubj**(tells-3, system-2), root(ROOT-0, tells-  3), det(user-5, the-4), **dobj**(tells-3, user-5), **advmod**(go-8, where-6),  **aux**(go-8, to-7), **xcomp**(tells-3, go-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**advmod**', 8, 6), ('**mark**', 8, 7), (**'advcl'**, 3, 8), ('punct', 3, 9)] | [('The', 'DT'), ('system', 'NN'), ('tells', 'VBZ'), ('the', 'DT'), ('user', 'NN'), ('where', 'WRB'), ('to', 'TO'), ('go', 'VB'), ('.', '.')] |
| SSR13 | **nsubj**(A,B), **dobj**(A,C), **advmod**(  D,E),**nsubj**(D,F) | SVDOConjClause  (Subject-Verb-  DirectObject-  ConjunctiveClause) | The system stops  the motor when the  tank is full | [det(system-2, The-1), **nsubj**(stops-3, system-2), root(ROOT-0,  stops-3), det(motor-5, the-4), **dobj**(stops-3, motor-5), **advmod**(full-  10, when-6), det(tank-8, the-7), **nsubj**(full-10, tank-8), **cop**(full-10,  is-9), dep(motor-5, full-10)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**advmod**', 10, 6), ('det', 8, 7), ('**nsubj**', 10, 8), ('**cop**', 10, 9), (**'advcl'**, 3, 10)] | [('The', 'DT'), ('system', 'NN'), ('stops', 'VBZ'), ('the', 'DT'), ('motor', 'NN'), ('when', 'WRB'), ('the', 'DT'), ('tank', 'NN'), ('is', 'VBZ'), ('full', 'JJ')] |
| SSR14 | **nsubj**(A,B), **dobj**(A,C), **advmod**(  A,D) | SVDOAdverbial  (Subject-Verb-  DirectObject-  Adverbial) | The server responds  the query  quickly | [det(server-2, The-1), **nsubj**(responds-3, server-2), root(ROOT-  0, responds-3), det(query-5, the-4), **dobj**(responds-3, query-5),  **advmod**(responds-3, quickly-6)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), ('**advmod**', 3, 6)] | [('The', 'DT'), ('server', 'NN'), ('responds', 'VBZ'), ('the', 'DT'), ('query', 'NN'), ('quickly', 'RB')] |
| SSR15 | **nsubj**(A,B), **aux**(A,C),  **dobj**(A,D) | SAuxVDO (Subject-  **Aux**iliaryVerb-  DirectObject) | The system will  eject the ATM  card. | [det(system-2, The-1), **nsubj**(eject-4, system-2), **aux**(eject-4, will-  3), root(ROOT-0, eject-4), det(card-7, the-5), nn(card-7, ATM-6),  **dobj**(eject-4, card-7)] | [('ROOT', 0, 4), ('det', 2, 1), ('**nsubj**', 4, 2), ('**aux**', 4, 3), ('det', 7, 5), (**'compound'**, 7, 6), ('**dobj**', 4, 7), ('punct', 4, 8)] | [('The', 'DT'), ('system', 'NN'), ('will', 'MD'), ('eject', 'VB'), ('the', 'DT'), ('ATM', 'NNP'), ('card', 'NN'), ('.', '.')] |
| SSR16 | **nsubj**(A,B), **dobj**(A,C),  **prep**(A,D), **pobj**(D,E) | SVDOPO (Subject-  Verb-DirectObject-  PrepositionObject) | The system sends  the message to the  customer. | [det(system-2, The-1), **nsubj**(sends-3, system-2), root(ROOT-  0, sends-3), det(message-5, the-4), **dobj**(sends-3, message-5),  **prep**(sends-3, to-6), det(customer-8, the-7), **pobj**(to-6, customer-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('det', 5, 4), ('**dobj**', 3, 5), (**'case'**, 8, 6), ('det', 8, 7), (**'nmod'**, 3, 8), ('punct', 3, 9)] | [('The', 'DT'), ('system', 'NN'), ('sends', 'VBZ'), ('the', 'DT'), ('message', 'NN'), ('to', 'TO'), ('the', 'DT'), ('customer', 'NN'), ('.', '.')] |
| SSR17 | **nsubj**(A,B), **advmod**(C,D),  **aux**(C,E), **xcomp**(A,C) | SVConjToInf (Subject-  Verb-Conjunctive-To-  Infinitive) | The system guides  where to go. | [det(system-2, The-1), **nsubj**(guides-3, system-2), root(ROOT-0,  guides-3), **advmod**(go-6, where-4), **aux**(go-6, to-5), **xcomp**(guides-  3, go-6)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**advmod**', 6, 4), ('**mark**', 6, 5), (**'advcl'**, 3, 6), ('punct', 3, 7)] | [('The', 'DT'), ('system', 'NN'), ('guides', 'VBZ'), ('where', 'WRB'), ('to', 'TO'), ('go', 'VB'), ('.', '.')] |
| SSR18 | **nsubj**(A,B), **advmod**(C,D),  **nsubj**(C,E), advcl(A,C) | SVConjClause  (Subject-Verb-  ConjunctiveClause) | The motor stops  when the tank is  full. | [det(motor-2, The-1), **nsubj**(stops-3, motor-2), root(ROOT-0, stops-  3), **advmod**(full-8, when-4), det(tank-6, the-5), **nsubj**(full-8, tank-6),  **cop**(full-8, is-7), advcl(stops-3, full-8)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**advmod**', 8, 4), ('det', 6, 5), ('**nsubj**', 8, 6), ('**cop**', 8, 7), (**'advcl'**, 3, 8), ('punct', 3, 9)] | [('The', 'DT'), ('motor', 'NN'), ('stops', 'VBZ'), ('when', 'WRB'), ('the', 'DT'), ('tank', 'NN'), ('is', 'VBZ'), ('full', 'JJ'), ('.', '.')] |
| SSR19 | **nsubj**(A,B), **aux**(C,D),  **xcomp**(A,C) | SVToInf (Subject-Verb-  To-Infinitive) | The system starts  to fill the tank. | [det(system-2, The-1), **nsubj**(starts-3, system-2), root(ROOT-0,  starts-3), **aux**(fill-5, to-4), **xcomp**(starts-3, fill-5), det(tank-7, the-6),  **dobj**(fill-5, tank-7)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**mark**', 5, 4), ('**xcomp**', 3, 5), ('det', 7, 6), ('**dobj**', 5, 7), ('punct', 3, 8)] | [('The', 'DT'), ('system', 'NN'), ('starts', 'VBZ'), ('to', 'TO'), ('fill', 'VB'), ('the', 'DT'), ('tank', 'NN'), ('.', '.')] |
| SSR20 | **nsubj**(A,B), **xcomp**(A,C) | SVGerund (Subject-  Verb-Gerund) | The printer starts  printing the document | [det(printer-2, The-1), **nsubj**(starts-3, printer-2), root(ROOT-0,  starts-3), **xcomp**(starts-3, printing-4), det(document-6, the-5),  **dobj**(printing-4, document-6)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**xcomp**', 3, 4), ('det', 6, 5), ('**dobj**', 4, 6)] | [('The', 'DT'), ('printer', 'NN'), ('starts', 'VBZ'), ('printing', 'VBG'), ('the', 'DT'), ('document', 'NN')] |
| SSR21 | **nsubj**(A,B), **advmod**(A,C) | SVAdverbialAdjunct  (Subject-Verb-  AdvervialAdjunct) | The elevator moves  up or down. | [det(elevator-2, The-1), **nsubj**(moves-3, elevator-2), root(ROOT-0,  moves-3), **advmod**(moves-3, up-4), cc(up-4, or-5), conj(up-4, down-  6)]. | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('**advmod**', 3, 4), (**'cc'**, 4, 5), (**'conj'**, 4, 6), ('punct', 3, 7)] | [('The', 'DT'), ('elevator', 'NN'), ('moves', 'VBZ'), ('up', 'RP'), ('or', 'CC'), ('down', 'RB'), ('.', '.')] |
| SSR22 | **nsubj**(A,B), **cop**(A,C) | SVPredicative (Subject-  Verb-Predicative) | The customer is  employee. | [det(customer-2, The-1), **nsubj**(employee-4, customer-2),  **cop**(employee-4, is-3), root(ROOT-0, employee-4)]. | [('ROOT', 0, 4), ('det', 2, 1), ('**nsubj**', 4, 2), ('**cop**', 4, 3), ('punct', 4, 5)] | [('The', 'DT'), ('customer', 'NN'), ('is', 'VBZ'), ('employee', 'NN'), ('.', '.')] |
| SSR23 | **nsubj**(A,B), **prep**(A,C),  **num**(D,E), **pobj**(C,D) | SVForComp (Subject-  Verb-For-Complement) | The system waits  for 5 seconds. | [det(system-2, The-1), **nsubj**(waits-3, system-2), root(ROOT-0,  waits-3), **prep**(waits-3, for-4), **num**(seconds-6, 5-5), **pobj**(for-4,  seconds-6)]. | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), (**'case'**, 6, 4), (**'nummod'**, 6, 5), (**'nmod'**, 3, 6), ('punct', 3, 7)] | [('The', 'DT'), ('system', 'NN'), ('waits', 'VBZ'), ('for', 'IN'), ('5', 'CD'), ('seconds', 'NNS'), ('.', '.')] |
| SSR24 | **nsubjpass**(A,B), **auxpass**(  A,C), **prep**(A,D),  **pobj**(D,E) | SVPassPO (Subject-  VerbPassive-  **Prep**ositionObject) | The ATM card is  ejected by the system. | [det(card-3, The-1), nn(card-3, ATM-2), **nsubj**pass(ejected-5, card-  3), **aux**pass(ejected-5, is-4), root(ROOT-0, ejected-5), **prep**(ejected-  5, by-6), det(system-8, the-7), **pobj**(by-6, system-8)] | [('ROOT', 0, 5), ('det', 3, 1), (**'compound'**, 3, 2), (**'nsubjpass'**, 5, 3), (**'auxpass'**, 5, 4), (**'case'**, 8, 6), ('det', 8, 7), (**'nmod'**, 5, 8), ('punct', 5, 9)] | [('The', 'DT'), ('ATM', 'NNP'), ('card', 'NN'), ('is', 'VBZ'), ('ejected', 'VBN'), ('by', 'IN'), ('the', 'DT'), ('system', 'NN'), ('.', '.')] |
| SSR25 | **nsubjpass**(A,B), **aux**(A,C),  **auxpass**(A,D), **prep**(A,E),  **pobj**(E,F) | S**Aux**VPassPO  (Subject-  **Aux**iliaryVerbPassive-  **Prep**ositionObject) | The ATM card will  be ejected by the  system. | [det(card-3, The-1), nn(card-3, ATM-2), **nsubj**pass(ejected-6, card-  3), **aux**(ejected-6, will-4), **aux**pass(ejected-6, be-5), root(ROOT-0,  ejected-6), **prep**(ejected-6, by-7), det(system-9, the-8), **pobj**(by-7,  system-9)] | [('ROOT', 0, 6), ('det', 3, 1), ('compound', 3, 2), (**'nsubjpass'**, 6, 3), ('**aux**', 6, 4), (**'auxpass'**, 6, 5), (**'case'**, 9, 7), ('det', 9, 8), ('nmod', 6, 9), ('punct', 6, 10)] | [('The', 'DT'), ('ATM', 'NNP'), ('card', 'NN'), ('will', 'MD'), ('be', 'VB'), ('ejected', 'VBN'), ('by', 'IN'), ('the', 'DT'), ('system', 'NN'), ('.', '.')] |
| SSR26 | **nsubj**(A,B), **prep**(A,C),  **pobj**(C,D) | SVPO (Subject-Verb-  **Prep**ositionObject) | The system  prompts for password. | [det(system-2, The-1), **nsubj**(prompts-3, system-2), root(ROOT-0,  prompts-3), **prep**(prompts-3, for-4), **pobj**(for-4, password-5)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), (**'case'**, 5, 4), (**'nmod'**, 3, 5), (**'punct'**, 3, 6)] | [('The', 'DT'), ('system', 'NN'), ('prompts', 'VBZ'), ('for', 'IN'), ('password', 'NN'), ('.', '.')] |
| SSR27 | **nsubj**(A,B), **dobj**(A,C) | SVDO (Subject-Verb-  DirectObject) | ATM customer enters  the withdrawal  amount. | nn(customer-2,ATM-1), **nsubj**(enters-3,customer-2), root(ROOT-  0,enters-3), det(amount-6,the-4), nn(amount-6,withdrawal-5),  **dobj**(enters-3,amount-6) | [('ROOT', 0, 3), (**'compound'**, 2, 1), ('**nsubj**', 3, 2), ('det', 6, 4), (**'compound'**, 6, 5), ('**dobj**', 3, 6), ('punct', 3, 7)] | [('ATM', 'NNP'), ('customer', 'NN'), ('enters', 'VBZ'), ('the', 'DT'), ('withdrawal', 'NN'), ('amount', 'NN'), ('.', '.')] |
| SSR28 | **mark**(A,B) | Conditional | If the ATM card is  valid. | [**mark**(valid-6, If-1), det(card-4, the-2), nn(card-4, ATM-3),  **nsubj**(valid-6, card-4), **cop**(valid-6, is-5), root(ROOT-0, valid-6)] | [('ROOT', 0, 6), ('**mark**', 6, 1), ('det', 4, 2), (**'compound'**, 4, 3), ('**nsubj**', 6, 4), ('**cop**', 6, 5), ('punct', 6, 7)] | [('If', 'IN'), ('the', 'DT'), ('ATM', 'NNP'), ('card', 'NN'), ('is', 'VBZ'), ('valid', 'JJ'), ('.', '.')] |
| SSR29 | **nsubj**(A,B) | SV (Subject-Verb) | The system restarts | [det(system-2, The-1), **nsubj**(restarts-3, system-2), root(ROOT-0,  restarts-3)] | [('ROOT', 0, 3), ('det', 2, 1), ('**nsubj**', 3, 2), ('punct', 3, 4)] | [('The', 'DT'), ('system', 'NN'), ('restarts', 'VBZ'), ('.', '.')] |
| SSR30 | Include | Include | Include UCS Validate  PIN | N/A | [('ROOT', 0, 1)] | [('Include', 'NN')] |
| SSR31 | Extend | Extend | Extend Handle  Card Jam | N/A | [('ROOT', 0, 1)] | [('Extend', 'NN')] |
| SSR32 | Resume | Resume | Resume M2. | N/A | [('ROOT', 0, 1)] | [('Resume', 'VB')] |
| SSR33 | Repeat | Repeat | Repeat M4-M8. | N/A | [('ROOT', 0, 1)] | [('Repeat', 'NN')] |
| SSR34 | Except all above | UnIdentified | N/A | N/A |  |  |