Center for Research in Urdu Language Processing
National University of Computer and Emerging Sciences, Lahore Pakistan

Reference No:

Revision History:

Name	Change Date	Version	Description of Changes
Omar Javed	06th November, 04	0.1	Created

POS ID: UPOS03

Part of Speech Name: Nominal Preposition

Part of Speech String: nomp

Lexical Entry Template:
word:nomp ^Pred = 'logical form of word', PreAllowedCase = {Gen,Inst.

Sample Lexical Entry:
باہر:nomp, ^Pred = 'باہر', _PreAllowedCase = {Gen,Inst}.
نیچے:nomp, ^Pred = 'نیچے', _PreAllowedCase = {Gen,Inst}.

Description:

Examples:
اندر، باہر ، اوپر ، نیچے ، پیچھے ، آگے ، ساتھ ، نزدیک ، پاس

POS Status: Active

Reference:

Related POS: UPOS101, UPOS102

Replaces: -UPOS03

Reason: -

Replaced by: -

Reason: -

Analysis: Following is the in-depth analysis of the rule.

Analysis 1: Nominal Postpositions can subcategorize for a noun phrase as object and occur independently. Object must be in oblique form. Object can be in Nominative, Genitive or Instrumental case depending on the particular word. Main distinction in Nominal Postposition and other postpositions is that phrase formed by Nominal Postposition can precede a case marker. Some Examples are: (Nominative Postposition Only)

وہ [باہر] گیا۔ (Nominative Postposition Only)
وہ [گھر کے باہر] گیا۔ (Nominative Postposition allowing Genitive Case)
وہ [[گھر کے باہر] تک] گیا۔ (Nominative Postposition allowing Genitive Case and having Case Marker)

Some analyzed words and their features are as follows.

Word	Allowed Case	With Genitive	With Instrumental
اندر	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کو ،کا،تک،کے ،کی
باہر	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کو ،کا،تک،کے ،کی
اوپر	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کو ،کا،تک،کے ،کی
نیچے	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کو ،کا،تک،کے ،کی
پیچھے	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کا،تک،کے ،کی
آگے	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کو ،کا،تک،کے ،کی
ساتھ	Genitive	کا، کے ، کی، سے	
نزدیک	Instrumental, Genitive	سے ،تک،کے ،کا،کو ،کی	کا، کے ، تک، کی
پاس	Instrumental, Genitive, Nominative	سے ،تک،کے ،کا،کی	

Analysis 2: An alternative analysis could be that these words are prepositions and their difference with postpositions is catered by adding some additional feature to it.

Result: We decided on Analysis 1.

Future Work: Some of these may not be purely postpositions rather they can act as prepositions. Some references give such examples from old Urdu, but it is not frequent. This feature of these words is not yet being catered but may be added later.