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Reference No:

Revision History:

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

POS ID: UPOS10

Part of Speech Name: Adjectives

Part of Speech String: adj

Lexical Entry Template:
<*word*>: adj, ^ PRED = '<*logical form of word*>', ^ NUM = {SG, PL}, ^ GEND = {M, F}, ^ NDERIVED = {+,-}, ^ FORM = {NOM, OBL}, ^ RESPECT = {NORESPECT, FAMILIAR, USUAL, EXTRA}.

Sample Lexical Entry:
اچھا : adj,^Pred ='اچھا',^ NUM = SG, ^ GEND = M, NDERIVED = NEG, ^ FORM = NOM, ^ RESPECT = NORESPECT.

اچھے : adj,^Pred ='اچھا',^ NUM = SG, ^ GEND = M, ^ NDERIVED = NEG, ^ FORM = OBL, ^ RESPECT = {NORESPECT,FAMILIAR, USUAL, EXTRA}.

اچھے : adj,^Pred ='اچھا',^ NUM = SG, ^ GEND = M, ^ NDERIVED = NEG, ^ FORM = NOM, ^ RESPECT = {FAMILIAR,USUAL,EXTRA}.

اچھے : adj,^Pred ='اچھا',^ NUM = PL, ^ GEND = M, ^ NDERIVED = NEG, ^ FORM = {NOM,OBL}, ^ RESPECT = {NORESPECT, FAMILIAR, USUAL, EXTRA}.

اچھی : adj,^Pred ='اچھا',^ NUM = {SG,PL}, ^ GEND = F, ^ NDERIVED = NEG, ^ FORM = {NOM,OBL}, ^ RESPECT = {NORESPECT, FAMILIAR, USUAL, EXTRA}.

ایماندار : adj,^Pred ='ایماندار',^ NUM = {SG, PL}, ^ GEND = {M, F}, ^ NDERIVED = NEG, ^ FORM = {NOM,OBL}, ^ RESPECT = {NORESPECT, FAMILIAR, USUAL, EXTRA}.

Description: Adjectives are words that describe or modify another person or thing in the sentence [2]
The description of the features is following:

NUM (Number) can be: SG (singular):   *Example:*اچھا
                                    PL (plural):   *Example:*اچھے
                                    It cannot be null

GEND (Gender) can be: M (masculine):   *Example:* بڑا
                                      F (feminine):   *Example:*بڑی
                                    It cannot be null

NDERIVED can be: +   *Example:* پاکستانی

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	-	*Example:* ایماندار
	It cannot be null or both	

FORM can be:	NOM (Nominative):	*Example:* بڑا
	OBL (Oblique):	*Example:* بڑے
	It cannot be null	

RESPECT can be:	NORESPECT:	*Example:* اچھا
	FAMILIAR:	*Example:* اچھے
	USUAL:	*Example:* اچھے
	EXTRA:	*Example:* اچھے
	It cannot be null.	

Examples:

بیکار، جابل، شریر، ہلکا، ٹھوس، سبز، نا شکرا، بے فکرا، سمجھہ دار، بےچین، بے ڈھب، دانا، احمق، بینا، شریف، نفیس، خوب وغیرہ [1, p. 33]

POS Status: Active

Reference:
[1] "Urdu Sarf au Nahav", Maulvi Abdul Haq
[2] http://webster.commnet.edu/grammar/adjectives.htm

Related POS: UPOS104

Replaces: -UPOS10

Reason: -

Replaced by: -

Reason: -

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

Analysis:
The predicate of the adjective is its logical form. The PRED of {اچھے ،اچھا} is اچھا.
NUM (number) of an adjective can be singular (SG) or plural (PL). It is a mandatory feature. If any adjective has both singular and plural values they will be written in the form of set, e.g. {SG, PL}.

Gender of an adjective can be masculine (M) or feminine (F). It can also have both values (masculine and feminine) and they are represented as {M, F}. The example of adjective having both values is 'بہادر'

NDERIVED can have two values + (positive) or – (negative). The positive value indicates that this adjective is derived from some noun e.g. NDERIVED of 'پاکستانی' is positive as the word "پاکستانی" is derived from the word 'پاکستان', however, the NDERIVED of 'اچھا، ایماندار' is negative as it is not derived from some noun

Form can have two values NOM and OBL. If the adjective has a form NOM (nominative) it means the noun following that adjective will not have any case marker/postpositions following it (the noun will not follow any case marker/postposition) e.g. 'اچھا لڑکا چلا گیا'. If the adjective has a form OBL (Oblique) then the noun following it will have some case marker/postpositions following it e.g., 'اچھے لڑکوں نے کھانا کھایا'

Respect can have the four values {NORESPECT, FAMILIAR, USUAL, EXTRA} It is same as written in the pronouns document (UPOS05)

Result: We decided on the above Analysis.

Future Work: We'll add more to this POS later on.