

Test : Union elem Quantifier Domain

[$UserId$, $SongId$]

$users : \mathbb{F} UserId$	$songs : \mathbb{F} SongId$
$hated : UserId \rightarrow \mathbb{F} SongId$	$loved : UserId \rightarrow \mathbb{F} SongId$

$\forall i : \text{dom } hated \cup \text{dom } loved \bullet hated(i) \cap loved(i) = \emptyset$