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# OpenRide Client Data Validation Summary

*An overview of the existing form fields and their validation requirements for the mobile client (based on the implementation of the OpenRideServer-RS project).*

## Screen 0.1: Registrierung & Login

Field name	Format	Required?	Additional restrictions?	Error messages
j_username	String	yes <sup>1</sup>	Length 3-18 characters; must match an entry in the db; only alphabetical characters	„Die Zeichenlänge beträgt minimal 3 und maximal 18 Zeichen.“; „Benutzername oder Passwort sind falsch.“
j_password	String	yes	Length 255 characters; must match the pw for the user	„Benutzername oder Passwort sind falsch.“

## Screen 1.2.1: Profile

Field name	Format	Required?	Additional restrictions?	Error messages
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<sup>1</sup> Error message for every required field: „Diese Angabe ist zwingend erforderlich.“

<b>dateOfBirth</b>	Date	no	dd.mm.yyyy	“Geben sie ein gültiges Datum in der Form: TT.MM.JJJJ an.”
<b>email</b>	String	yes	must be a valid email address	“Geben Sie eine gültige Emailadresse ein.”“Es ist schon ein Benutzer mit dieser Emailadresse vorhanden“
<b>mobilePhoneNumber</b>	Number	yes	Must match regexpattern /^([0-9]{1}[5-7][0-9][0-9]{1}[-/])?[0-9]{1}[0-9]{1}{6,16}\$/	„Geben Sie eine gültige Mobiltelefonnummer ein.“
<b>zipCode</b>	Number	no		
<b>city</b>	String	no		
<b>street</b>	String	no		
<b>isSmoker</b>	String	yes	must be one of „n“ / „y“ / „-“	
<b>licenseDate</b>	Date	yes	dd.mm.yyyy	“Geben sie ein gültiges Datum in der Form: TT.MM.JJJJ an.”
<b>profilePicture</b>	Image	no	Not larger than 10mb	„Ihr Profilbild darf nicht größer als 10MB sein.“

## Screen 1.2.2: Profile / Preferences

Field name	Format	Required?	Additional restrictions?	Error messages
<b>prefIsSmoker</b>	String	yes	must be one of „n“ / „y“ / „-“	
<b>prefGender</b>	String	yes	must be one of „f“ / „-“	

## Screen 1.2.3: Profile / Change Password

Field name	Format	Required?	Additional restrictions?	Error messages
<b>passwordOld</b>	String	yes	must match old password	„Ungültiges Passwort.“

<b>password</b>	String	yes		
<b>passwordCheck</b>	String	yes	must equals to password	„Die Passwörter stimmen nicht überein.“

### Screen 2D.1.1: Driver Offer

Field name	Format	Required?	Additional restrictions?	Error messages
<b>offerstartdropd</b>	String	yes		
<b>offerdestdropd</b>	String	yes		
<b>dayLabel</b>	Number	yes		
<b>monthLabel</b>	Number	yes		
<b>yearLabel</b>	Number	yes		
<b>minuteLabel</b>	Number	yes		
<b>hourLabel</b>	Number	yes		

### Screen 2D.1.2: Driver Offer / Map

Field name	Format	Required?	Additional restrictions?	Error messages
<b>offerstartaddr &amp; offerdestaddr</b>	String	yes	must be resolvable by maps API; start and destination may not be equal;	„Der angegebene Ort konnte leider nicht gefunden werden.“; „Start- und Zieladresse dürfen nicht gleich sein“

### Screen 2D.1.4: Driver Offer / Additional Params

Field name	Format	Required?	Additional restrictions?	Error messages
<b>offerdetourselect</b>	Number	yes		
<b>offerseatselect</b>	Number	yes		
<b>offerpriceselect</b>	Number	yes		

### Screen 2R.1.1: Rider Search

Field name	Format	Required?	Additional restrictions?	Error messages
<b>searchstartdropd</b>	String	yes		
<b>searchdestdropd</b>	String	yes		

searchdayLabel	Number	yes
searchmonthLabel	Number	yes
searchyearLabel	Number	yes
searchminuteLabel	Number	yes
searchhourLabel	Number	yes

## Screen 2R.1.2: Rider Search / Map

Field name	Format	Required?	Additional restrictions?	Error messages
searchstartaddr & searchdestaddr	String	yes	must be resolvable by maps API; start and destination may not be equal	„Der angegebene Ort konnte leider nicht gefunden werden.“; „Start- und Zieladresse dürfen nicht gleich sein“

## Screen 2R.1.4: Rider Search / Additional Params

Field name	Format	Required?	Additional restrictions?	Error messages
searchseatsneeded	Number	yes		
searchmaxwaittime	Number	yes		

## Screen 3.2: Open Ratings List

Field name	Format	Required?	Additional restrictions?	Error messages
givenRating	String	Yes	must be "1" / "0" / "-1"	

## Screen 3.4: Rating Comment

Field name	Format	Required?	Additional restrictions?	Error messages
givenRatingComment	String	Yes, if rating "-1"	Length 255 characters	„Die maximale Zeichenlänge beträgt 255 Zeichen.“

## Screen 4.1: New Favorite Point

Field name	Format	Required?	Additional restrictions?	Error messages
favPointsSearchAddress	String	yes	must be resolvable by maps API	„Der angegebene Ort konnte leider nicht gefunden werden“

## Screen 4.2: New Favorite Point Name

Field name	Format	Required?	Additional restrictions?	Error messages
favPointsAddDisplayName	String	yes	length 255 characters; allowed chars: a-z,A-Z,0-9,_, (whitespace)	„Die maximale Zeichenlänge beträgt 255 Zeichen.“; „Erlaubte Zeichen sind: a-z,A-Z,0-9,_(Leerzeichen)“