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| Page | register.html | |
| Field ID | Data Format/RegExp | Explanation |
| user | var usernameRegex = /[a-zA-Z0-9.\_-]{1,8}/;  if (username.value === "") {  usernameError.style.display ="inline";  return false;  } | Checks if user has entered a valid username. Will return an error if username does not match RegExp or if user does not fill out this form. |
| email | var emailRegex = /^(([^<>()[\]\\.,;:\s@\"]+(\.[^<>()[\]\\.,;:\s@\"]+)\*)|(\".+\"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/i;  if (email.value === "") {  emailError.style.display ="inline";  return false;  } | Checks if user has entered a valid email address. Will return an error if email does not match RegExp or if user does not fill out this form. |
| confirmemail | if (confirmemail.value != emailverify.value){  confirmemailError.style.display ="inline";  return false;  } | Secondary check for user’s email. This field confirms the user has correctly input their desired email address by checking if the text in this field matches the previous email field’s text. |
| Pass | var passwordRegex = /^(?=.\*[0-9])[a-zA-Z0-9!@#$%^&\*]{6,12}$/;  if (password.value === ""){  passwordError.style.display ="inline";  return false;  } | Checks if user has entered a valid password. Password cannot contain special characters. Will return an error if user does not enter a password that matches RegExp or if user does not fill out this form. |
| confirmpass | if (confirmpass.value != passverify.value){ confirmpassError.style.display ="inline";  return false;  } | Secondary check for user’s password. This field confirms the user has correctly input their desired password by checking if the text in this field matches the previous password field’s text. |

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| Page | rentalbooking.html | |
| Field ID | Data Format/RegExp | Explanation |
| Rental Type | if (type.value ==""){  typeError.style.display ="inline"; return false;  } | Checks if user has selected either the **ski** or **snowboard** rental types. Returns a warning if neither type has been selected. |
| Rental Quality | if(quality.value==""){  qualityError.style.display="inline;  return false;  } | Checks if user has selected either the **new** or used **rental** quality types. |
| Ski/Board Length | var lengthRegex = /[0-9]{3}/;  if (length.value === ""){  lengthError.style.display ="inline";  return false;  } | Checks if user has entered a valid number, representing ski/snowboard length (in cm). Will return a warning if the number entered is larger than three digits. (0 – 999)  Will return a warning if nothing is entered in the field. |
| Accessories | if (accessory.value === ""){  accessoryError.style.display = "inline";  return false;  } | Checks if field has been filled out. Returns a warning if nothing has been entered in the field. |
| date |  | Checks if user has entered a date in the YYYY-MM-DD format. |
| Name | if (name.value === ""){  nameError.style.display = "inline";  return false;  } | Checks if field has been filled out. Will return a warning if nothing is entered in the field. |
| Date of Birth | var dobRegex = /(0[1-9]|1[012])[- \/.](0[1-9]|[12][0-9]|3[01])[- \/.](19|20)\d\d/; | Checks if user has entered a date in the MM-DD-YYYY format. Will return a warning if date is not in the right format or if nothing is entered in the field. |
| Age | if (age.value ===""){  ageError.style.display ="inline";  return false;  } | Checks if user has entered a number for their age. Will return a warning if nothing is entered in the field. |
| email | var emailRegex = /^(([^<>()[\]\\.,;:\s@\"]+(\.[^<>()[\]\\.,;:\s@\"]+)\*)|(\".+\"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/i; | Checks if user has entered a valid email address.  Will return a warning if email is not in the right format or if nothing is entered in the field. |
| Phone Number | var phoneRegex = /\(?([0-9]{3})\)?([ .-]?)([0-9]{3})\2([0-9]{4})/; | Checks for a phone number in a ###-###-#### format. Will return a warning if phone number is not in the right format or if nothing is entered in the field. |
| Payment Type | if (payment.value ==""){  paymentError.style.display = "inline"; return false;  } | Checks if user has selected one of the payment types. Returns a warning if a type has not been selected. |

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| Page | lessonbooking.html | |
| Field ID | Data Format/RegExp | Explanation |
| Lesson Type | if (type.valueOf =="default"){  typeError.style.display ="inline";  return false;  } | Checks if user has selected the **ski** or **snowboard** lesson types. Returns a warning if nothing is selected. |
| Skill Level | if (skill.value == ""){  skillError.style.display ="inline";  return false;  } | Checks if user has selected one of the skill levels. Returns a warning if nothing is selected. |
| Date |  | Checks if user has entered a date in YYYY-MM-DD format. |
| Name | if (name.value === "") {  nameError.style.display ="inline";  return false;  } | Checks if user has entered text in this field. Will return a warning if nothing has been entered in the field. |
| Date of Birth | var dobRegex = /(0[1-9]|1[012])[- \/.](0[1-9]|[12][0-9]|3[01])[- \/.](19|20)\d\d/;  if (dob.value === "") {  dobError.style.display ="inline";  return false;  } | Checks if user has entered their date of birth in  MM-DD-YYYY format. Will return a warning if nothing has been entered in the field, or date is not in correct format. |
| Age | if (age.value === "") {  ageError.style.display ="inline";  return false;  } | Checks if user has entered a number for their age. Will return a warning if nothing has been entered in the field. |
| Email | var emailRegex = /^(([^<>()[\]\\.,;:\s@\"]  +(\.[^<>()[\]\\.,;:\s@\"]+)\*)  |(\".+\"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])  |(([a-zA-Z\-0-9]+\.)  +[a-zA-Z]{2,}))$/i;  if (email.value === ""){  emailError.style.display ="inline";  return false;  } | Checks if user has entered a valid email address.  Will return a warning if email is not in the right format or if nothing is entered in the field. |
| Phone Number | var phoneRegex = /\(?([0-9]{3})\)?([ .-]?)([0-9]{3})\2([0-9]{4})/;  if (phoneNum.value === "") {  phoneError.style.display ="inline";  return false;  } | Checks for a phone number in a ###-###-#### format. Will return a warning if nothing has been entered in the field, or number is not in correct format. |
| Payment Type | if (payment.value == "") {  paymentError.style.display ="inline";  return false;  } | Checks if user has selected one of the payment types. Will return a warning if no type has been selected. |