# Test-Cases for Inital Release

Login

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| # | Step | Expected Result |
| 1 | Enter user name | User name is visible in clear text |
| 2 | Enter password | Password is displayed as ….. |
| 3 | Click Log in | * Name or password are incorrect: ErrorMessage is shown * No internet connection: ErrorMessage is shown * Correct login credentials: User is redirected to the Index-Page |

Filter tutors

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| # | Step | Expected Result |
| 1 | User selects a subject | Subject is chosen |
| 2 | User presses „Filtern“ | Tutor list will be refreshed (only with tutors who offer the chosen subject) |
| 3 | User selects „Alle“ and presses „Filtern“ | Tutor list is refreshed and all tutors are visible (with images) |

Sort tutors

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| # | Step | Expected Result |
| 1 | User selects a sort property |  |
| 2 | User presses „Filtern und Sortieren“ | Tutor list will be refreshed (sorted). If the user has chosen a filter subject as well, the list will be filterd and sorted |
| 3 | User selects a subject and a sort property | List will only show tutors who offer the given subject, sorted |

Show tutor’s profile

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| # | Step | Expected Result |
| 1 | User selects a tutor and clicks on the name of the tutor | The user will be redirected to a page, where all details of the tutor are shown (+ image) |
| 2 | User presses „Zurück“ on the TutorDetails page | User is redirected to the index page |
| 3 | User presses „Nachhilfebörse“ in the upper left corner | User is redirected to the index page |

Send tutoring request

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| # | Step | Expected Result |
| 1 | User clicks on a tutoring profile and on “Anfrage senden” | User is redirected to a page called “Anfrage senden”. There is a standard text given and the user can only enter his/her email address, telephone number, subjects and other remarks |
| 2 | User clicks on „Senden“ | An email will be sent to the tutors email address. The text is formatted well and contains the default text and the users statements |
| 3 | User presses „Nachhilfebörse“ in the upper left corner | User is redirected to the index page |

Create tutoring profile

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| # | Step | Expected Result |
| 1 | If the user is a teacher or is already a tutor | “Werde nachhilfelehrer” button is not shown |
| 2 | User clicks on “Werde Nachhilfelehrer” | User is redirected to the “Get-Tutor” page; Firstname, lastname, class and department are already selected |
| 3 | User types letters in the telephone-number field and presses „Einreichen“ | ErrorMessage is shown |
| 4 | User types in less than nine numbers in telephone number and presses „Einreichen“ | ErrorMessage is shown |
| 5 | User does not provide email address and presses „Einreichen“ | Error Message is shown |
| 6 | User enters an invalid email adress and presses „Einreichen“ | ErrorMessage is shown |
| 7 | User does not provide any times and presses „Einreichen“ | ErrorMessage is shown |
| 8 | User enter a negative number for hourly wage or enters a number greater than 20 and presses „Einreichen“ | ErrorMessage is shown |
| 9 | User does not provide any subjects and presses „Einreichen“ | ErrorMessage is shown |
| 10 | User has not chosen a picture yet | The current photo is a default photo |
| 11 | No image -> user clicks on “Vorschau laden” | Nothing happens |
| 12 | No image -> user clicks on “Einreichen” but has other errors | ErrorMessages are shown but images stays |
| 13 | No image -> user clicks on “Bild löschen” | Dialog appears.If the user presses “OK” nothing happens |
| 14 | User enteres a photo which is not a .jpg and clicks on “Vorschau laden” or on “Einreichen” | ErrorMessage is shown and picture stays the same |
| 15 | User chooses a valid photo and clicks on “Vorschau hochladen” | The image appears in the current photo section |
| 16 | User has a current photo and clicks on “Bild löschen” | Dialog appears. If the user clicks on “OK” the photo disapperas |
| 17 | User has chosen an image and clicks on “einreichen” but has made other errors | Image stays in the current photo section |
| 18 | User has chosen a valid photo but not clicked on “Vorschau laden” and clicks on “Einreichen” | The photo will still be saved. |
| 19 | User enters all information correctly but does not provide an image and presses “Einreichen” | A dialog is shown, the tutor will be saved and the user is redirected to the home page (His/her profile is not visible there). There will be a default image shown wherever the tutor is shown |
| 20 | User enteres all information correctly and presses „Einreichen“ | A dialog is shown, the tutor will be saved and the user is redirected to the home page (His/her profile is not visible there) |
| 21 | User clicks on “Nachhilfebörse” in the upper left corner | User is redirected to the starting page and his profile is not saved |
| 22 | User clicks on “Zurück” | User is redirected to the starting page and his profile is not saved |

Edit tutoring profile

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| # | Step | Expected Result |
| 1 | If the user is a teacher or is not a tutor | “Profil bearbeiten” button is not shown |
| 2 | User clicks on “Profil bearbeiten” | User is redirected to the “Edit-Tutor” page; firstname, lastname, class and department are already selected, all the other information + image is shown |
| 3 | User types letters in the telephone-number field and presses „Einreichen“ | ErrorMessage is shown |
| 4 | User types in less than nine numbers in telephone number field and presses „Einreichen“ | ErrorMessage is shown |
| 5 | User does not provide email address and presses „Einreichen“ | Error Message is shown |
| 6 | User enters an invalid email address and presses „Einreichen“ | ErrorMessage is shown |
| 7 | User does not provide any times and presses „Einreichen“ | ErrorMessage is shown |
| 8 | User enter a negative number for hourly wage or enters a number greater than 20 and presses „Einreichen“ | ErrorMessage is shown |
| 9 | User deselects all subjects | ErrorMessage is shown |
| 10 | User has not chosen a picture yet | The current photo is a default photo |
| 11 | No image -> user clicks on “Vorschau laden” | Nothing happens |
| 12 | No image -> user clicks on “Einreichen” but has other errors | ErrorMessages are shown but images stays |
| 13 | No image -> user clicks on “Bild löschen” | Dialog appears.If the user presses “OK” nothing happens |
| 14 | User enteres a photo which is not a .jpg and clicks on “Vorschau laden” or on “Einreichen” | ErrorMessage is shown and picture stays the same |
| 15 | User chooses a valid photo and clicks on “Vorschau hochladen” | The image appears in the current photo section |
| 16 | User has a current photo and clicks on “Bild löschen” | Dialog appears. If the user clicks on “OK” the photo disapperas |
| 17 | User has chosen an image and clicks on “einreichen” but has made other errors | Image stays in the current photo section |
| 18 | User has chosen a valid photo but not clicked on “Vorschau laden” and clicks on “Einreichen” | The photo will still be saved. |
|  | User enteres all information correctly without an image and presses „Einreichen“ | Dialog is shown, the tutor will be saved and the user is redirected to the home page (his/her profile is not visible there). There will be a default photo wherever the tutor is shown |
| 19 | User enteres all information correctly and presses „Einreichen“ | Dialog is shown, the tutor will be saved and the user is redirected to the home page (his/her profile is not visible there) |
| 20 | User clicks on „Profil löschen“ | A dialog appears (Are you sure you want to delete your profile?) |
| 21 | User clicks on „Abbrechen“ | The tutor stays on the edit-tutor page |
| 22 | User clicks on “ok” | Profile is deleted and user is redirected to starting page |
| 23 | User clicks on “Nachhilfebörse” in the upper left corner | User is redirected to the starting page and his profile is not saved |
| 24 | User clicks on “Zurück” | User is redirected to the starting page and his profile is not saved |

Adminsitrate data

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| # | Step | Expected Result |
| 1 | User is not an administrator | “Administrationsbereich” button is not shown |
| 2 | User clicks on “Administrationsbereich” | User is redirected to the administration area |
| 3 | Admin enters in-Name or teacher name (e.g. p.bauer) of new admin and presses “Hinzufügen” | New Admin is added |
| 4 | User could not be found | Error Message is shown |
| 5 | Admin deletes other admin | A dialog appears (Wollen Sie diesen Admin wirklich löschen?) |
| 6 | Admin clicks on „Abbrechen“ | Admin will not be deleted |
| 7 | Admin clicks on „ok“ | Admin will be deleted |
| 8 |  | All classes are listed, where no tutor has signed up (if a tutor has signed up but is not accepted yet, the class will not appear) |
| 9 | User clicks on “Nachhilfebörse” in the upper left corner | User will be redirected to the starting page |
| 10 | User clicks on “Metadaten bearbeiten” | User will be redirected to the edit metadata page |
| 11 | User clicks on „Tutoren bearbeiten“ | User will be redirected to the edit tutors page |

Edit metadata

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| # | Step | Expected Result |
| 1 | User is not an administrator | “Administrationsbereich” button is not shown |
| 2 | User clicks on “Administrationsbereich” | User is redirected to the administration area |
| 3 | User clicks on “Metadaten bearbeiten” | User is redirected to the edit metadata page |
| 4 | User enters the name of a new subject and clicks “Hinzufügen” | The new subject will be added to the list |
| 5 | If the subject already exists | ErrorMessage is shown |
| 6 | User clicks on “Delete” next to the subject which should be deleted | A dialog appears (Wollen Sie dieses Fach wirklch löschen?) |
| 7 | User clicks on „Abrrechen“ | Subject will not be deleted |
| 8 | User clicks “ok” | Subject will be deleted from list |
| 9 | User clicks on “Nachhilfebörse” in the upper left corner | User will be redirected to the starting page |
| 10 | User clicks on “Administrationsbereich” | User will be redirected to the administration area page |
| 11 | User clicks on “Tutoren bearbeiten” | User will be redirected to the edit tutors page |

Edit Tutors

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| # | Step | Expected Result |
| 1 | User is not an administrator | “Administrationsbereich” button is not shown |
| 2 | User clicks on “Administrationsbereich” | User is redirected to the administration area |
| 3 | User clicks on “Tutoren bearbeiten” | User is redirected to the edit tutors page and under the heading “Ausstehende Tutoren” are all outstanding tutors shown (image + correct labels and information + teacher comments). Underneath the heading “Tutoren bearbeiten” all accepted tutors are shown (+image) |
| 4 | Tutor creates a profile | The tutor will be shown as an outstanding tutor |
| 5 | Tutor has edits his profile while he was not accepted | The information will from the outstanding tutor will be udpated |
| 6 | Tutor has deleted his profile while he was not accepted/rejected | The tutor will not appear on the list anymore |
| 7 | Admin clicks on “Akzeptieren” under an outstanding tutor | The tutor disappears from the outstanding tutors list and is moved to the “Tutoren bearbeiten” section. Furthermore, the tutor is shown on the “main page”. The tutor gets an email, which tells him that he is accepted |
| 8 | Tutor was accepted and then edits his profile | The old version of the tutor is shown on the main page (and under “Tutoren bearbeiten”). The new version is shown under “Ausstehende Tutoren” and needs to be accepted/rejected again. By clicking the button “Edit profile” in the tutor’s account he can see the updated version. |
| 9 | Tutor was accepted, edits his profile and admin clicks “Akzeptieren” | The profile of the tutor is updated (main page, and “Tutoren bearbeiten”) |
| 10 | Tutor was accepted, edits his profile and admin clicks on “Ablehnen” | Nothing changes on the main page (and not under “Tutoren bearbeiten”). The updated version will be removed from the “Aussstehende Tutoren” section and on the tutor’s account under “Profil ändern” the older version is shown again |
| 11 | Admin clicks on “Ablehnen” under an outstanding tutor | The tutor disappears from the outstanding tutors list. His profile will not be shown on the main page and he is not in the section “Tutoren bearbeiten”.  In his account, he is removed from the role tutor -> he can become a tutor again, but not edit his profile anymore |
| 12 | Admin clicks on “Löschen” next to a tutor in the “Tutoren bearbeiten” section | A dialog appears |
| 13 | Admin clicks on “Abbrechen” | The tutor stays in the “Tutoren bearbeiten” section and nothing else changes |
| 14 | Admin clicks on “Ok” | The tutor will be deleted from the “Tutoren bearbeiten” section and will be removed from the main page. Furthermore in the tutor’s profile he will be a visitor again (“Werde auch du Tutor”-Button is shown again and “Profil ändern”-Button disappears) |
| 15 | Admin clicks on the “Fach löschen” button next to a tutor’s subject | A dialog appears |
| 16 | Admin clicks on “Abbrechen” | Nothing changes |
| 17 | Admin clicks on “Ok” | The subject will be removed from the tutor. The information in the “Tutoren bearbeiten”-section is updated. The information on the main page will be updated. In the tutor’s profile, clicking on “Profil ändern”, the subject is also deleted |
|  | Admin clicks on “Fach löschen” next to a tutor and it is the only subject that is offered by the tutor | Error message is shown |
| 18 | User clicks on “Nachhilfebörse” in the upper left corner | User will be redirected to the starting page |
| 19 | User clicks on “Administrationsbereich” | User will be redirected to the administration area page |
| 20 | User clicks on “Metadaten bearbeiten” | User will be redirected to the edit metadata page |

Admin contacts tutor

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| # | Step | Expected Result |
| 1 | Admin is on the “Edit tutors” page and clicks on “Kontakt” underneath a tutor | Admin is redirected to a page called “Kontaktiere <tutor name>”. |
| 2 | Admin enteres a message and clicks on „Senden“ | An email will be sent to the tutors email address. The text is formatted well. |
| 3 | User presses „Nachhilfebörse“ in the upper left corner | User is redirected to the index page |
| 4 | Admin clicks on “Zurück” | Admin will be redirected to the “Edit-Tutors”-page |

Comment tutor

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| # | Step | Expected Result |
| 1 | User is not a teacher | “Tutoren kommentieren” button is not shown |
| 2 | User clicks on “Tutoren kommentieren” | All outstanding tutors are shown (image + correct labels + information). Furthermore all given comments will appear under the tutor’s profile. In each tutor box a textbox is shown, where the teacher can add his comment |
| 3 | Teacher selects a subject and presses “Filtern” | The list will be refreshed and only tutors, who offer the given subject will be shown |
| 4 | Teacher types in a comment and clicks on “Speichern” | Dialog appears |
| 5 | Teacher clicks on “Abbrechen” | Comment will not be saved |
| 6 | Teacher clicks on “ok” | The comment will be deleted from the textbox but will be shown above + teacher name (e.g. p.bauer) |
| 7 | Teacher clicks on “Speichern” without typing in a comment | Error message is shown |
| 8 |  | After a comment is saved, the comment will be shown in the administration area, “Tutoren bearbeiten”, “Ausstehende Tutoren” in the box of the tutor |
| 9 | User clicks on „Nachhilfebörse“ | User will be redirected to the main page |
| 10 | User clicks on “Kontaktiere uns ” | User will be redirected to the contact page |

Contact

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| # | Step | Expected Result |
| 1 |  | Any user can see the “Kontaktiere uns”-button in the navigation bar |
| 2 | User clicks on „Kontaktiere uns“ | User will be redirected to the contact page |
| 3 | User does not provide a name and clicks on “Senden” | Error message is shown |
| 4 | User does not provide an email address and clicks on “Senden” | Error message is shown |
| 5 | User does not provide a message and clicks on “Senden” | Error message is shown |
| 6 | Another exception appears while sending the email | Error message is shown |
| 7 | User fills out all fields correctly and presses “Senden” | Email will be sent and user will be redirected to a “Sent” page |
| 8 | User clicks on “Nachhilfe” | User is redirected to the main page |

Mobile Phone test

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| # | Step | Expected Result |
| 1 | User uses a mobile phone | All pages are shown in the expected format |

Review Tutor

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| # | Step | Expected Result |
| 1 | User sees review design when he clicks on the details page of a tutor + all approved reviews |  |
| 2 | User does not enter a comment | Error |
| 3 | User enters number of books which is not between 1 and 5 | Error |
| 4 | User enters a correct review | User can confirm his review with a dialog, review is not shown on the detailspage |

Accept/Reject Reviews

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| # | Step | Expected Result |
| 1 | Admin sees a list of all unapproved and of all approved reviews in the admin area | Nice design appears |
| 2 | Admin clicks on delete next to an unapproved review | Dialog appears; ‘OK’: Review disappears and does not show up on the tutors detail page |
| 3 | Admin clicks on accept next to an unapproved review | Dialog appears; ‘OK’: Review disappears and shows up on the tutors detail page; additionally the review is added in the list of approved reviews |
| 4 | Admin clicks on delete next to an approved review | Dialog appears; ‘OK’: Review disappears and is deleted on the tutors detail page |

Statistics

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| # | Step | Expected Result |
| 1 | Admin clicks on ‘Statistiken’ in the admin area | A list of the statistics appears:   * Department with most tutors * Number of tutors in total * Percentage of tutors with image * Chart with tutors per class * Chart with tutors per gender * Number of reviews in total * Average books of all reviews * Average amount of reviews per tutor * Number of all sent requests * Top five classes, which sent the most requests * Chart with months and the number of requests sent * Chart with requests to tutors with image * Most requested tutor * Teacher which uploaded the most comments * Chart with number of accepted and declined tutors * Chart with number of accepted and declined reviews |
| 2 |  | No weird numbers or weird charts appear |

Send Mail to all tutors

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| # | Step | Expected Result |
| 1 | Admin clicks on ‘Tutoren bearbiten’ and on the link ‘Mail an alle Tutoren senden’ | Nice design appears |
| 2 | Admin does not enter a subject | Error |
| 3 | Admin does not enter a message | Error |
| 4 | Admin enters a correct email and clicks on Send | Email will be sent to all accepted tutors |