

Test Case Document

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Diary Management System

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Table of Contents

1. – Student Test Cases

- 1.1.Student Portal
- 1.2.Student Login
- 1.3.Student View Marks
- 1.4.Student Data Entry
- 1.5.Student View Comment
- 1.6.Student Upload File
- 1.7.Student View File

2. – Guide Test Cases

- 2.1.Guide Portal
- 2.2.Guide Login
- 2.3.Guide Comment
- 2.4.Guide Upload File
- 2.5.Guide Enter Marks
- 2.6.Guide View Entry
- 2.7.Guide View File

3. – Admin Test Cases

- 3.1.Admin Portal
- 3.2.Admin Login
- 3.3.Admin Enter Marks
- 3.4.Admin Add User
- 3.5.Admin Comment
- 3.6.Admin Upload File
- 3.7.Admin View File

1. Student Test Cases

Precondition : The student should open the application and click on the student login option .

Module	Scenario	Steps	Expected Result	Actual Result	Status	BUG ID
Student Portal	Verify that clicking on student portal option takes you to student login.	Click the student portal option.	The application should redirect the page to student login.	The application displays the student login option.	Success	—
Student Login (1)	Verify if a user will be able to login with a valid username and valid password.	Enter valid email ID and password.	The application should be able to accept the credentials.	The application accepts the credentials.	Success	---
Student Login (2)	Verify if a user cannot login with a valid username and an invalid password.	Enter invalid email / password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Student Login (3)	Verify the messages for invalid login.	Enter invalid email / password.	The application should be able to reject the credentials and should display message "invalid login"	The application rejects the credentials and show message "invalid login"	Success	---
Student Login (4)	Verify if the data in password field is either visible as asterisk or bullet signs.	Enter valid password.	The application should be able to hide password with asterisk sign.	The application hides the password characters as they are entered.	Success	---

Student Login (5)	Verify if the 'Enter' key of the keyboard is working correctly on the login page.	Enter valid / invalid credentials and press enter.	The application should try and accept / reject the credentials.	The application accepts and rejects accordingly.	Success	---
Student Login (6)	Verify the login page by pressing 'Back button' of the browser. It should not allow you to enter into the system once you log out..	Press the back button after logging in the system.	The application should automatically log the user out.	The application logs user out.	Success	---
Student Login (7)	Verify if a user cannot login with an invalid username and a valid password.	Enter invalid email and valid password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Student Login (8)	Verify if a user cannot login with an invalid username and an invalid password.	Enter invalid email and password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Student Login (9)	Verify the timeout functionality of the login session.	Login with correct credentials and then leave that tab idle for 5 minutes.	The application should automatically log the user out.	The application logs user out.	Success	---
Student Login (10)	Verify if the user cannot proceed without filling all the mandatory fields..	Leave either email or password tab blank and press submit.	The application should display message saying "all fields necessary"	The application shows message "all fields necessary"	Success	---

Student Login (11)	Verify if the user cannot proceed without filling the registration number with special format "s_ (registration number)"	Enter the registration number without format in login.	The application should display message saying "invalid registration number".	The application shows message "invalid registration Number"	Success	---
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Precondition : The student should open the application and click on the View Comment option .

Student View Comment (1)	Verify if the user clicks on view comment and is able to see the comment on data entry.	Log into the account and click on view comment.	The application should display the comment on the diary entry by guide or admin.	The application displays the comment of guide or admin.	Success	---
Student View Comment (2)	Verify if the user clicks on view comment and is not able to see the comment on data entry if not entered.	Log into the account and click on view comment.	The application should display a message "no comment"	The application displays the message "no comment"	Success	---

Precondition : The student should open the application and click on the View Marks option .

Student View Marks (1)	Verify if the user clicks on view marks and is able to see the marks.	Log into the account and click on view marks.	The application should display the marks of the user.	The application displays the marks of the student.	Success	---
Student View Marks (2)	Verify if the user clicks on view marks and is able to see the admin marks and guide marks respectively.	Log into the account and click on view marks.	The application should display the marks of the user in two different fields.	The application displays the marks of the student. In two different fields.	Success	---
Student View Marks (3)	Verify if the user clicks on view marks and is able to see the marks.	Log into the account and click on view marks.	The application should display the marks of the user.	The application displays the marks of the student.	Success	---
Student View Marks (4)	Verify if the user clicks on view marks and is able to see the marks and time stamp of upload.	Log into the account and click on view marks.	The application should display the marks of the user and the date and time of upload by guide and admin.	The application displays the marks of the student with time stamp.	Success	---
Student View Marks (5)	Verify if the user clicks on view marks and is not able to view marks if not uploaded.	Log into the account and click on view marks.	The application should display the message "marks not uploaded"	The application displays the message "marks not uploaded"	Success	---

Precondition : The student should open the application and click on the Data Entry option .

Student Data Entry (1)	Verify if the user clicks on data entry.	Log into the account and click on data entry.	The application should display 2. options namely new entry.	The application displays new entry option.	Success	---
Student Data Entry (2)	Verify if the user has submitted the entry.	Create new data entry and click on the submit button.	The application should display a message "response submitted"	The application displays the message "response submitted".	Success	---
Student Data Entry (3)	Verify if the user can enter only 500 or less characters in the new entry.	Click on data entry, click on new entry and enter 500 or less characters.	The application should display accept 500 or less characters.	The application accepts 500 or less characters.	Success	---
Student Data Entry (4)	Verify if the user cannot enter more than 500 characters in the new entry.	Log into the account click on data entry, click on new entry and enter 500 or less characters.	The application should display accept only 500 or less characters.	The application accepts only 500 or less characters.	Success	---

Student Data Entry (5)	Verify if the user enter characters accepted in English language.	Log into the account click on data entry, click on new entry and enter 500 or less characters.	The application should display erroneous red line below the characters that are meaningless in the English language.	The application displays an erroneous red line below the characters that are meaningless in the English language.	Success	---
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Precondition : The student should open the application and click on the Upload File option .

Student Upload File (1)	Verify if the user clicks on upload file and the file format is either jpeg or pdf or word.	Log into the account and click on upload file and select from host pc.	The application should display a message "no comment"	The application displays the message "no comment"	Success	---
Student Upload File (2)	Verify uploaded file cannot exceed a certain size. For example, uploaded file cannot exceed 2 MB size.	Log into the account and click on upload file and select from host pc and upload a file that exceeds 2MB	The application should display a message "the file is larger than 2MB"	The application displays "the files exceeds 2MB"	Success	---

Student Upload File (2)	Verify uploaded file cannot exceed a certain size. For example, uploaded file cannot exceed 2 MB size.	click on upload file and select from host pc and upload a file of 2MB or less.	The application should upload the file and give message "File uploaded successfully"	The application accepts the file and displays "File uploaded successfully"	Success	---
Student Upload File (3)	Verify, a window is opened once this upload button is clicked.	click on upload file.	The application should open a window from which file can be chosen.	The application opens a window.	Success	---
Student Upload File (4)	Verify if the empty upload function is not working.	click on upload file without selecting a file.	The application should give message "error no file"	The application gives message "error no file"	Success	---
Student Upload File (5)	Verify multiple uploads of the same file is not allowed.	click on upload file and select a file to upload.	The application should give message "error same file exists"	The application gives message "error same file exists"	Success	---

Student Upload File (6)	Verify timeout function is working properly.	click on upload file and select a file to upload. Start upload and switch off network.	The application Should cancel upload after a period of 5 minutes.	The application cancels upload after 5 minutes.	Success	---
Student Upload File (7)	Make sure file upload process can resume, in case of network connectivity problem.	click on upload file, select a file to upload. Click on upload and switch off the internet connection and resume after few seconds	The application should wait for a few seconds, cancel upload if 5 minutes exceeded else resume upload of file.	The application resumes upload if less than 5 minutes else cancels the upload.	Success	---

Precondition : The student should open the application and click on the View File option .

Student View File (1)	Verify that if the file space is empty, it should show error.	Click on view files and check if no files are there.	The application should show a message "no files uploaded"	The application shows a message "no files uploaded"	Success	---
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Student View File (2)	Verify that if the file space has files, it should show the files.	Click on view files and check files are there.	The application should open the selected file	The application open the selected file.	Success	---
Student View File (3)	Verify that if the file download button is working properly or not.	Click on view files, select file, click on download which should open a window asking the path to save the file.	The application should download the file at the given path	The application download the file as the given path.	Success	---

2. Guide Test Cases

Precondition : The Guide should open the application and click on the Guide Login option .

Module	Scenario	Steps	Expected Result	Actual Result	Status	Bug Id
Guide Portal	Verify that clicking on student portal option takes you to Guide login.	Click the Guide portal option.	The application should redirect the page to Guide login.	The application displays the Guide login option.	Success	---
Guide Login (1)	Verify that clicking on student portal option takes you to Guide login.	Click the Guide portal option.	The application should redirect the page to student login.	The application displays the student login option.	Success	---
Guide Login (2)	Verify if a user will be able to login with a valid username and valid password.	Enter valid email ID and password.	The application should be able to accept the credentials.	The application accepts the credentials.	Success	---
Guide Login (3)	Verify if a user cannot login with a valid username and an invalid password.	Enter invalid email / password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Guide Login (4)	Verify the messages for invalid login.	Enter invalid email / password.	The application should be able to reject the credentials and should display message "invalid login"	The application rejects the credentials and show message "invalid login"	Success	---

Guide Login (5)	Verify if the data in password field is either visible as asterisk or bullet signs.	Enter valid password.	The application should be able to hide password with asterisk sign.	The application hides the password characters as they are entered.	Success	---
Guide Login (6)	Verify if the 'Enter' key of the keyboard is working correctly on the login page.	Enter valid / invalid credentials and press enter.	The application should try and accept / reject the credentials.	The application accepts and rejects accordingly .	Success	---
Guide Login (7)	Verify the login page by pressing 'Back button' of the browser. It should not allow you to enter into the system once you log out..	Press the back button after logging in the system.	The application should automatically log the user out.	The application logs user out.	Success	---
Guide Login (8)	Verify if a user cannot login with an invalid username and a valid password.	Enter invalid email and valid password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---

Guide Login (9)	Verify if the user cannot proceed without filling the registration number with special format "g_ (registration number)"	Enter the registration number without format in login.	The application should display message saying "invalid registration number".	The application shows message "invalid registration Number"	Success	---
Guide Login (10)	Verify if a user cannot login with an invalid username and an invalid password.	Enter invalid email and password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Guide Login (11)	Verify the timeout functionality of the login session.	Login with correct credentials and then leave that tab idle for 5 minutes.	The application should automatically log the user out.	The application logs user out.	Success	---

Precondition : The Guide should open the application and click on the Comment option .

Guide Comment (1)	Verify if the user cannot proceed without filling all the mandatory fields..	Leave either email or password tab blank and press submit.	The application should display message saying "all fields necessary"	The application shows message "all fields necessary"	Success	---
Guide Comment (2)	Verify if prompt to save appears if you move to another record or screen.	Enter a comment of 100 characters and press back button.	The application should display a message to save the file .	The application displays a message to save the file .	Success	—

Guide Comment (3)	Verify if grammar or spelling errors are being shown or not .	Enter a comment with a spelling mistake .	The application should display a spelling error message	The application displays a spelling error message	Success	—
Guide Comment (4)	Verify if the user will get the correct message	Don't enter any data & just click the Next button.	The application should display a message to enter the data.	The application displays a message to enter the data.	Success	—
Guide Comment (5)	Verify if the submit button submits the document .	Enter a comment and click submit button .	The application should submit the comment .	The application submits the comment .	Success	—
Guide Comment (6)	Verify that the font size is as per specification.	Enter a comment and check the font type and size.	The font should be matching the specification .	The font is matching the specification .	Success	—
Guide Comment (7)	Verify that the data does not contain special character .	Enter a comment with a special character .	The application should display an error message	The application displays an error message	Success	—
Guide Comment (8)	Verify if user can copy and paste inside text field.	Copy data and paste it in comment .	The application should Copy data and paste it .	The application Copies data and pastes it .	Success	—

Precondition : The Guide should open the application and click on the Upload option .

Guide Upload (1)	Test empty upload is not working.	Don't upload any data & just click the upload button	The application should display a message to choose a file .	The application displays a message to choose a file .	Success	—
Guide Upload (2)	Verify multiple uploads of the same file is not allowed.	click on upload file and select a file to upload.	The application should give message "error same file exists"	The application gives message "error same file exists"	Success	—

Guide Upload (3)	Test, only the particular file types can be uploaded. For example, doc or pdf, or image files like jpeg, bmp, png etc.	Click on upload file and select a file to upload type pdf .	The application shouldn't display any message .	The application doesn't display any message .	Success	—
Guide Upload (4)	Verify uploaded file cannot exceed a certain size. For example, uploaded file cannot exceed 2 MB size	Click on upload file and select a file of size less than 2 mb .	The application shouldn't display any message .	The application does not display any message .	Success	—
Guide Upload (5)	Make sure file upload process can resume, in case of network connectivity problem.	Click on upload file and select a file to upload. Switch off wifi and start it again .	The file should continue being uploaded .	The file continues being uploaded .	Success	—
Guide Upload (6)	Test drag and drop file options to upload is working properly besides the traditional way of uploading	Drag and drop a file to the upload menu .	The file should continue being uploaded .	The file continues being uploaded .	Success	—
Guide Upload (7)	To verify that in between uploading process click on upload button again (In the standard scenario it should be disable).	Drag and drop a file to the upload menu and while it is being uploaded click submit .	The Submit button should not be clicking .	The Submit button is not be clicking .	Success	—

Precondition : The Guide should open the application and click on the Enter Marks option .

Guide Enter Marks (1)	Verify that the field does not accept blank data.	Don't enter any data & just click the Next button.	The application should display a message to enter the data.	The application displays a message to enter the data.	Success	—
Guide Enter Marks (2)	Verify that the field does not accept special characters or symbols.	Enter a mark with a special character .	The application should display an error message	The application displays an error message	Success	—
Guide Enter Marks (3)	Verify that the field can take at most three digits .	Enter a mark of two digits out of 60	The application shouldn't display any message and accept marks out of 60.	The application does not display any message .	Success	
Guide Enter Marks (4)	Verify the field does not accept negative number.	Enter a mark with a negative sign .	The application should display an error message	The application displays an error message	Success	
Guide Enter Marks (5)	Verify that the submit button is working .	Enter a mark and click submit button .	The application should display a submitted message	The application display a submitted message	Success	—
Guide Enter Marks (6)	Verify if prompt to save appears if you move to another record or screen.	Enter a mark and click back button.	The application should display a message to save the file .	The application displays a message to save the file .	Success	—

Precondition : The Guide should open the application and click on the View Entry option .

Guide View Entry (1)	Verify if Clicking on View Entry shows the diary entry by students for that week.	Log into guide account, click on view entry.	The application should show the data entry by his students with time stamp.	The application displays the data entry by students.	Success	---
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Guide View Entry (2)	Verify if Clicking on View Entry does not show the diary entry by students for that week.	Log into guide account, click on view entry.	The application should show the message "no entry available".	The application displays the message "no entry available".	Success	---
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Precondition : The Guide should open the application and click on the View File option .

Guide View File (1)	Verify that if the file space is empty, it should show error.	Click on view files and check if no files are there.	The application should show a message "no files uploaded"	The application shows a message "no files uploaded"	Success	---
Guide View File (2)	Verify that if the file space has files, it should show the files.	Click on view files and check files are there.	The application should open the selected file	The application open the selected file.	Success	---
Guide View File (3)	Verify that if the file download button is working properly or not.	Click on view files, select file, click on download which should open a window asking the path to save the file.	The application should download the file at the given path	The application downloads the file as the given path.	Success	---

3.Admin Test Cases

Precondition : The Admin should open the application and click on the Admin Login option .

Module	Scenario	Steps	Expected Result	Actual Result	Status	BUG ID
Admin Portal	Verify that clicking on admin portal option takes you to admin login.	Click the admin portal option.	The application should redirect the page to admin login.	The application displays the admin login option.	Success	---
Admin Login (1)	Verify if a user will be able to login with a valid username and valid password.	Enter valid email ID and password.	The application should be able to accept the credentials.	The application accepts the credentials.	Success	---
Admin Login (2)	Verify if a user cannot login with a valid username and an invalid password.	Enter invalid email / password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Admin Login (3)	Verify the messages for invalid login.	Enter invalid email / password.	The application should be able to reject the credentials and should display message "invalid login"	The application rejects the credentials and show message "invalid login"	Success	---

Admin Login (4)	Verify if the data in password field is either visible as asterisk or bullet signs.	Enter valid password.	The application should be able to hide password with asterisk sign.	The application hides the password characters as they are entered.	Success	---
Admin Login (5)	Verify if the 'Enter' key of the keyboard is working correctly on the login page.	Enter valid / invalid credentials and press enter.	The application should try and accept / reject the credentials.	The application accepts and rejects accordingly.	Success	---
Admin Login (6)	Verify the login page by pressing 'Back button' of the browser. It should not allow you to enter into the system once you log out..	Press the back button after logging in the system.	The application should automatically log the user out.	The application logs user out.	Success	---
Admin Login (7)	Verify if a user cannot login with an invalid username and a valid password.	Enter invalid email and valid password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---
Admin Login (8)	Verify if a user cannot login with an invalid username and an invalid password.	Enter invalid email and password.	The application should be able to reject the credentials.	The application rejects the credentials.	Success	---

Admin Login (9)	Verify the timeout functionality of the login session.	Login with correct credentials and then leave that tab idle for 5 minutes.	The application should automatically log the user out.	The application logs user out.	Success	---
Admin Login (10)	Verify if the user cannot proceed without filling all the mandatory fields..	Leave either email or password tab blank and press submit.	The application should display message saying "all fields necessary"	The application shows message "all fields necessary"	Success	---
Admin Login (11)	Verify if the user cannot proceed without filling the registration number with special format "a_ (registration number)"	Enter the registration number without format in login.	The application should display message saying "invalid registration number".	The application shows message "invalid registration Number"	Success	---

Precondition : The Admin should open the application and click on the Enter Marks option

Admin Enter Marks (1)	Verify that the field does not accept blank data.	Don't enter any data & just click the Next button.	The application should display a message to enter the data.	The application displays a message to enter the data.	Success	—
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Admin Enter Marks (2)	Verify that the field does not accept special characters or symbols.	Enter a mark with a special character .	The application should display an error message	The application displays an error message	Success	—
Admin Enter Marks (3)	Verify that the field can take at most three digits .	Enter a mark of two digits out of 60	The application shouldn't display any message and accept marks out of 60.	The application does not display any message .	Success	
Admin Enter Marks (4)	Verify the field does not accept negative number.	Enter a mark with a negative sign .	The application should display an error message	The application displays an error message	Success	
Admin Enter Marks (5)	Verify that the submit button is working .	Enter a mark and click submit button .	The application should display a submitted message	The application display a submitted message	Success	—
Admin Enter Marks (6)	Verify if prompt to save appears if you move to another record or screen.	Enter a mark and click back button.	The application should display a message to save the file .	The application displays a message to save the file .	Success	—

Precondition : The Admin should open the application and click on the Add User option .

Admin Add User (1)	Verify that admin fills all mandatory fields.	Proceeds with either registration number or name field empty.	The application should display message "all fields mandatory"	The application displays message "all fields empty"	Success	
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Admin Add User (2)	Verify duplicate registration number	The application should reject the entry.	The application should display message "Existing user"	The application displays the message "existing user"	Success	
Admin Add User (3)	Verify if the details of student does not match with the database.	Login into admin account, click on add user and fill incorrect details of a student and click submit.	The application should display a message "the details don't match with student database".	The application displays a message "the details don't match with student database".	Success	—
Admin Add User (4)	Verify if the details of student matches with the database and submit button is working.	Login into admin account, click on add user and fill correct details of a new student and click submit.	The application should display a message "student added successfully"	The application displays a message "student added successfully".	Success	—

Precondition : The Admin should open the application and click on the Comment option .

Admin Comment (1)	Verify the width of data entered does not exceed the width.	Enter a comment of 100 characters .	The application shouldn't display any message .	The application does not display any message .	Success	—
Admin Comment (2)	Verify if prompt to save appears if you move to another record or screen.	Enter a comment of 100 characters and press back button.	The application should display a message to save the file .	The application displays a message to save the file .	Success	—
Admin Comment (3)	Verify if grammar or spelling errors are being shown or not .	Enter a comment with a spelling mistake .	The application should display a spelling error message	The application displays a spelling error message	Success	—
Admin Comment (4)	Verify if the user will get the correct message	Don't enter any data & just click the Next button.	The application should display a message to enter the data.	The application displays a message to enter the data.	Success	—
Admin Comment (5)	Verify if the submit button submits the document .	Enter a comment and click submit button .	The application should submit the comment .	The application submits the comment .	Success	—
Admin Comment (6)	Verify that the font size is as per specification.	Enter a comment and check the font type and size.	The font should be matching the specification .	The font is matching the specification .	Success	—

Admin Comment (7)	Verify that the data does not contain special character .	Enter a comment with a special character .	The application should display an error message	The application displays an error message	Success	—
Admin Comment (8)	Verify if user can copy and paste inside text field.	Copy data and paste it in comment .	The application should Copy data and paste it .	The application Copies data and pastes it .	Success	—

Precondition : The Admin should open the application and click on the Upload File option .

Admin Upload File (1)	Verify if the user clicks on upload file and the file format is either jpeg or pdf or word.	Log into the account and click on upload file and select from host pc.	The application should display a message “no comment”	The application displays the message “no comment”	Success	---
Admin Upload File (2)	Verify uploaded file cannot exceed a certain size. For example, uploaded file cannot exceed 2 MB size.	Log into the account and click on upload file and select from host pc and upload a file that exceeds 2MB	The application should display a message “the file is larger than 2MB”	The application displays “the files exceeds 2MB”	Success	---

Admin Upload File (3)	Verify uploaded file cannot exceed a certain size. For example, uploaded file cannot exceed 2 MB size.	click on upload file and select from host pc and upload a file of 2MB or less.	The application should upload the file and give message "File uploaded successfully"	The application accepts the file and displays "File uploaded successfully"	Success	---
Admin Upload File (4)	Verify, a window is opened once this upload button is clicked.	click on upload file.	The application should open a window from which file can be chosen.	The application opens a window.	Success	---
Admin Upload File (5)	Verify if the empty upload function is not working.	click on upload file without selecting a file.	The application should give message "error no file"	The application gives message "error no file"	Success	---
Admin Upload File (6)	Verify multiple uploads of the same file is not allowed.	click on upload file and select a file to upload.	The application should give message "error same file exists"	The application gives message "error same file exists"	Success	---

Admin Upload File (7)	Verify timeout function is working properly.	click on upload file and select a file to upload. Start upload and switch off network.	The application Should cancel upload after a period of 5 minutes.	The application cancels upload after 5 minutes.	Success	---
Admin Upload File (8)	Make sure file upload process can resume, in case of network connectivity problem.	click on upload file, select a file to upload. Click on upload and switch off the internet connection and resume after few seconds	The application should wait for a few seconds, cancel upload if 5 minutes exceeded else resume upload of file.	The application resumes upload if less than 5 minutes else cancels the upload.	Success	---

Precondition : The Admin should open the application and click on the View File option .

Admin View File (1)	Verify that if the file space is empty, it should show error.	Click on view files and check if no files are there.	The application should show a message "no files uploaded"	The application shows a message "no files uploaded"	Success	---
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Admin View File (2)	Verify that if the file space has files, it should show the files.	Click on view files and check files are there.	The application should open the selected file	The application open the selected file.	Success	---
Admin View File (3)	Verify that if the file download button is working properly or not.	Click on view files, select file, click on download which should open a window asking the path to save the file.	The application should download the file at the given path	The application download s the file as the given path.	Success	---

