

1 Reporting

Librarians are subversive. You think they're just sitting there at the desk, all quiet and everything. They're like plotting the revolution. –Michael Moore

The Reporting module contains a library activity report. Such information can be accessed by pressing the menu located on the left hand navigation menu:

1.1 “Collection Statistic” Menu

Contains the total collection information for titles, total items, total items being borrowed, the total items that were in the library (not borrowed), total titles based GMD, total collection of items by type, and 10 (ten) most popular collection of titles (most borrowed).

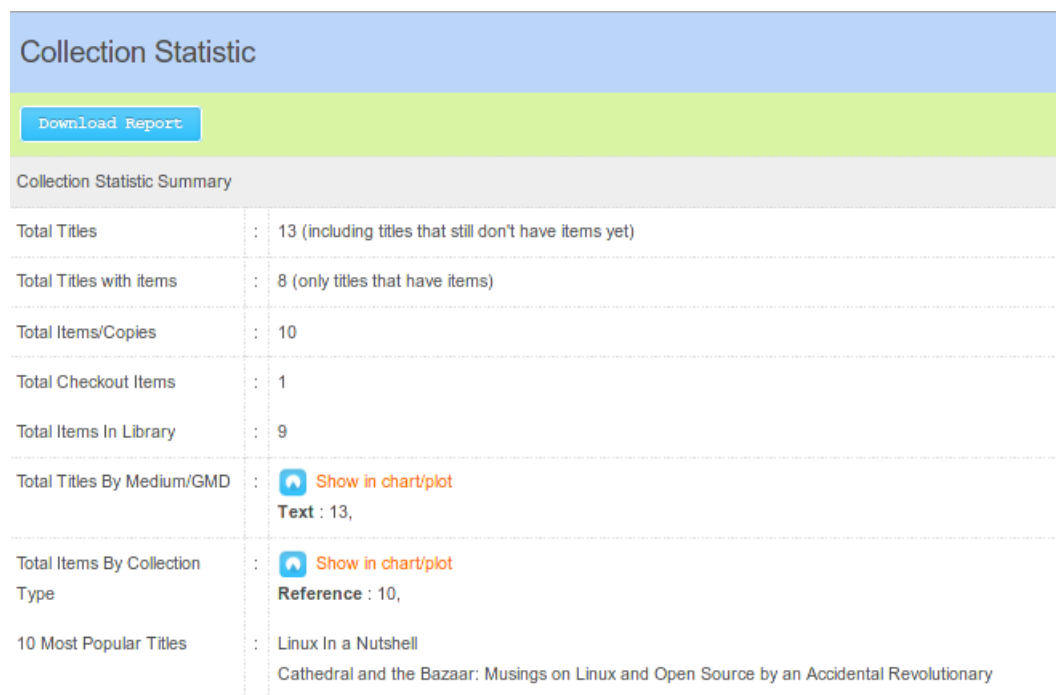


Figure 1.1: Display Collection Statistics

1.2 “Loan Report” Menu

Contains information about borrowing. Consists of: total lending, lending based on GMD, lending by the collection type, total lending transactions, the average transaction per day, a member who have loans, members who do not have loans, and total overdues loans.



Download Report		
Loan Data Summary		
Total Loan	:	4
Total Loan By GMD/Medium	:	 Show in chart/plot Text : 4,
Total Loan By Collection Type	:	 Show in chart/plot Reference : 4,
Total Loan Transactions	:	2
Transaction Average (Per Day)	:	1
Total Peak Transaction	:	3
Members Already Had Loans	:	1
Members Never Have Loans Yet	:	1
Total Overdued Loans	:	0

Figure 1.2: Loan Report Menu

1.3 “Membership Report” Menu

Contains membership information, ie the total registered members, the total active members, total members by members type , total members who are not active and a list of 10 (ten) most active members.

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Download Report	
Membership Data Summary	
Total Registered Members	: 2
Total Active Member	: 2
Total Members By Membership Type	: Show in chart/plot Standard : 2,
Total Expired Member	: 0
10 most active members	: Hendro W (123)

Figure 1.3: Member Report

The report is available in .html format and can be printed by clicking Download Report

Commencing Senayan3-stable14, the three types of report are equipped with a print feature of various Pie charts. You get this graph simply by clicking the “Show in Chart/Plot “ which appears in all three types of report (Statistics Collection, Loan Report, and Membership Report).

Download Report	
Collection Statistic Summary	
Total Titles	: 14 (including titles that still don't have items yet)
Total Titles with items	: 8 (only titles that have items)
Total Items/Copies	: 10
Total Checkout Items	: 1
Total Items In Library	: 9
Total Titles By Medium/GMD	: Show in chart/plot Text : 13, Sound Recording : 1,
Total Items By Collection Type	: Show in chart/plot Reference : 10,
10 Most Popular Titles	: Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary Linux In a Nutshell

Figure 1.4: Show in chart/plot

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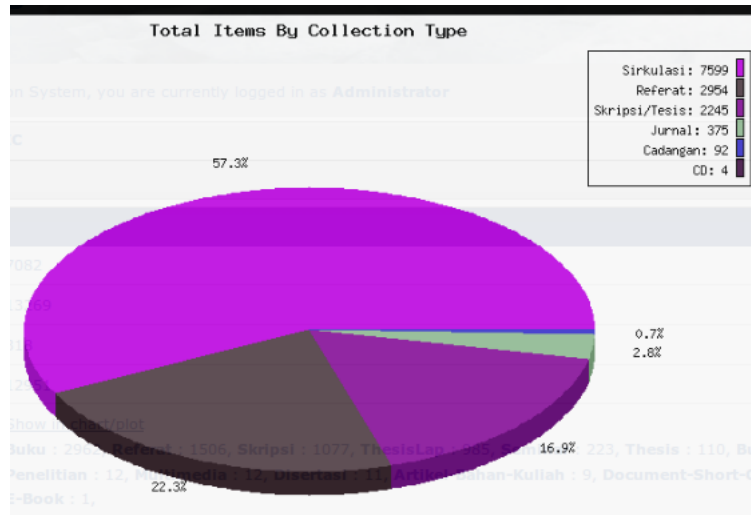


Figure 1.5: Pie display

1.4 “Custom Recapitulations” Menu

This menu displays the recapitulation of titles, based on Classification, GMD, Collection Type or Language. This option can be set by selecting the recapitulation filter available. Senayan also supports recap for classifications not based on decimal numbers. For example, REF for reference.

Custom Recapitulations

Report Filter

Recap By:
Classification

Apply Filter

Title and Collection Recap by Classification [Print Current Page] Export to spreadsheet format

Classification	Title	Item
000	9	6
000	7	6

Figure 1.6: Recap by Classification

Commencing with the Senayan3-Stable10 Report module, there is a development to allow users to create a new report on a Senayan module.

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In the folder /senayan3-stable10/admin/modules/reporting/custom/ there exists a file, customs_report_list.inc.php . In this file, report modifications and additions can be made.

Custom Recapitulation - "Print Current Page" provides the facility to print reports, and "Export to spreadsheet format" to place the report in a spreadsheet.

1.5 "Titles List" Menu

Contains reports/lists of titles held by the library. In this menu there is a facility to sort and print, as well as a collection of desired filters. In this menu, filtering can also be done by writing the Title/ISBN, or by other filters. You do this by clicking **ShowMoreFilterOptions**. Existing filters are: Title/ISBN, Author, Classification, GMD, Langage and Location, and can be specified by the number of page views.

Title	Copies	Tempat terbit	Penerbit	ISBN/ISSN	Call Number
Ajax : creating Web pages with asynchronous JavaScript and XML Woychowsky, Edmond	1	Upper Saddle River, NJ	Prentice Hall	9780132272674	006.7/86-22 a
Album musikal laskar pelangi: original cast recording	0	io	Miles Production		
Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary Raymond, Eric	2	Sebastopol, CA	OReilly	0-596-00108-8	005.4/3222

Figure 1.7: Title Report

This feature also provides the facility to create a spreadsheet file download. Files can be obtained by clicking "Export to spreadsheet format".

1.6 "Items title List" Menu

Contains reports/lists of copies of titles held by the library. In this menu there is a facility to sort and print, as well as a collection of desired filters. In this menu, filtering can also be done by writing the Title/ISBN, or by other filters. You do this by

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clicking `ShowMoreFilterOptions`. Available filters are: Title/ISBN, Item Code, Classification, Collection Type, Item Status, Location. This filter facilities can be hidden by clicking `HideFilterOption`

The screenshot shows a web-based filter interface for an 'Item Title List Report'. It includes several input fields and dropdown menus for filtering data. The fields are: 'Title/ISBN' (a text input), 'Item Code' (a text input), 'Classification' (a text input), 'GMD' (a dropdown menu with options: ALL, Text, Art Original, Chart, Computer Software), 'Collection Type' (a dropdown menu with options: ALL, Reference, Textbook, Fiction), 'Item Status' (a dropdown menu with option: ALL), and 'Location' (a dropdown menu with option: ALL). Below these is a 'Record each page' section with a text input set to '20' and a note 'Set between 20 and 200'. At the bottom are two buttons: 'Apply Filter' (blue) and 'Show More Filter Options' (grey).

Title/ISBN

Item Code

Classification

GMD

ALL
Text
Art Original
Chart
Computer Software

Press Ctrl and click to select multiple entries

Collection Type

ALL
Reference
Textbook
Fiction

Item Status

ALL

Location

ALL

Record each page

20 Set between 20 and 200

Apply Filter Show More Filter Options

Figure 1.8: Item Title List Report

1.7 Item Usage

This is a report that lists the item, and how many times the copy has been borrowed on a monthly basis. Item usage also can be filtered by Title/ISBN, Item code or Year.

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ITEMS USAGE STATISTICS - Report Filter


Title/ISBN

Item Code

Year

2008

Apply Filter

10 record(s) found. Currently displaying page 1 (20 record each page)  [\[Print Current Page\]](#)

Item Code	Title	Jan	Feb	Mar	Apr	May
B00001	Ajax : creating Web pages with asynchronous JavaScript and XML	0	0	0	0	0
B00007	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary	0	0	0	0	0
B00008	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary	0	0	0	0	0
B00006	Corruption and development	0	0	0	0	0

Figure 1.9: Item Usage

1.8 “Loan by Classification” Menu

This is a classification-based lending report. In addition to classes 0-9, the report also makes possible class-based reporting and Non-Decimal Class 2X. Loans can be filtered by Class, Type and Year.

Classification:									
<input type="text" value="0 classes"/>									
<input type="button" value="Apply Filter"/> <input type="button" value="Show More Filter Options"/>									
Loan Recap By Class 0 for year 2011 <input type="button" value="[Print Current Page]"/> <input type="button" value="Export to spreadsheet format"/>									
Classification	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
000	0	0	0	0	0	0	0	0	0
000	0	0	0	0	0	0	0	0	0
010	0	0	0	0	0	0	0	0	0
020	0	0	0	0	0	0	0	0	0
030	0	0	0	0	0	0	0	0	0
040	0	0	0	0	0	0	0	0	0

Figure 1.10: Loan by Class

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This feature also provides the facility to create a spreadsheet file download. Files can be obtained by clicking "Export to spreadsheet format".

1.9 “Member List” Menu

This contains a report/list of library members. In this menu there is a facility to sort and print. In addition, there are also filter amenities, ie based on Membership Type, Member ID/Member Name, Gender, Address, “Register Date From”, “Register Date Until”.

Membership Type
ALL

Apply Filter Show More Filter Options

2 record(s) found. Currently displaying page 1 (20 record each page) Print Current Page

Member ID	Member Name	Membership Type
3456789Z	Arie N	Standard
123	Hendro W	Standard

Export to spreadsheet format

Figure 1.11: Member List Report

This feature also provides the facility to create a spreadsheet file download. Files can be obtained by clicking "Export to spreadsheet format".

1.10 “Loan List by Member” Menu

This is a report that contains a list of items that are still borrowed by Members.

Member ID/Member Name

Apply Filter Show More Filter Options

1 record(s) found. Currently displaying page 1 (20 record each page) Print Current Page

Member ID		
Hendro W (123)		
E-mail: hendrowicaksono@yahoo.com - Phone Number:		
B00005	Corruption and development : the anti-corruption campaigns	Loan Date: 2012-03-24 Due Date: 2012-03-31

Figure 1.12: Loan list by Member

1.11 “Loan History” Menu

This contains reports/lists of library borrowing history for Members. In this menu there is a facility to sort and print. In this menu, filtering can also be done by writing the Member ID/Member Name, or by other filters. You do this by clicking **Show More Filter Options**

Member ID/Member Name						
<input type="text"/>						
<input type="button" value="Apply Filter"/> <input type="button" value="Show More Filter Options"/>						
6 record(s) found. Currently displaying page 1 (20 record each page) <input type="button" value="Print Current Page"/>						
Member ID	Member Name	Item Code	Title	Loan Date	Due Date	Loan Status
123	Hendro W	b00008	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary	2012-03-24	2012-01-31	Returned
123	Hendro W	B00005	Corruption and development : the anti-corruption campaigns	2012-03-24	2012-03-31	On Loan
123	Hendro W	B00010	Linux In a Nutshell	2012-03-23	2012-03-23	Returned
123	Hendro W	b00008	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary	2012-03-23	2012-03-30	Returned
123	Hendro W	B00010	Linux In a Nutshell	2012-03-23	2012-03-23	Returned
123	Hendro W	b00008	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary	2012-01-23	2012-02-23	Returned
<input type="button" value="Export to spreadsheet format"/>						

Figure 1.13: Loan History Report

This feature also provides the facility to create a spreadsheet file download. Files can be obtained by clicking "Export to spreadsheet format".

1.12 “Overdued List ” Menu

This contains reports/lists of overdue items borrowed by library members. In this menu there is a facility to sort and print.

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Report Filter

Member ID/Member Name

[Apply Filter](#) [Show More Filter Options](#)

1 record(s) found. Currently displaying page 1 (20 record each page) [Print Current Page](#)

Member ID

Hendro W (123)

E-mail: - Send Notification e-mail - Phone Number:

b00008	Cathedral and the Bazaar: Musings on Linux and Open Source by an Accidental Revolutionary Price: 0	Overdue: 53 day(s)
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Figure 1.14: Overdue Report

1.13 “Staff Activity” Menu

This menu shows the activities of the library staff who have an account in the Senayan application. The information shown is the Username, Login Name, Bibliographic data entry, Items data entry, Member data entry, and Circulation. So this menu will make visible which staff did what, and how many times.

For accurate information, a filter is provided that lets us see the activity from a beginning to the end date (as defined).

Activity Date From
2000-01-01 [Apply Filter](#)

Activity Date Until
2012-03-24 [Show More Filter Options](#)

1 record(s) found. Currently displaying page 1 (20 record each page) [Print Current Page](#)

Real Name	Login Username	Bibliography Data Entry	Item Data Entry	Member Data Entry	Circulation Tasks
Administrator	admin	4	0	2	12

Figure 1.15: Staff Activity

1.14 “Visitor Statistic” Menu

This is a report that contains statistics of library visitors. This report contains Member Type, and the number of visits in each month in the year specified. Determination based on this year’s report can be done through the filter.

Year

2012

Apply Filter

Visitor Count Report for year 2012

Print Current Page

Member Type	Jan	Feb	Mar	Apr	May
Standard	0	0	2	0	0
NON-Member Visitor	0	0	3	0	0
Total visit/month	0	0	5	0	0

Figure 1.16: Visitor Statistic

1.15 “Visitor Statistic (by Day)” Menu

This is a report based on the number of visitors per weekday.

Year

2012

Apply Filter

Visitor Report for year 2012

Print Current Page

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
				1	2
4	5	6	7	8	9
11	12	13	14	15	16
18	19	20	21	22	23
					2
25	26	27	28	29	30

Figure 1.17: Visitors by Day

1.16 “Visitor List” Menu

This report contains a list of names of library members or non-members who visit the library. This report contains information on the Member ID, Member Name, Member Type, Institution and Visit date.

4 record(s) found. Currently displaying page 1 (20 record each page) [Print Current Page]			
Member ID	Visitor Name	Membership Type	Institution
NON-MEMBER	Purwoko	NON-MEMBER	UGM
NON-MEMBER	purwoko	NON-MEMBER	ugm
M00001	Hendro Wicaksono	Standard	Perpustakaan Depdiknas
M00001	Hendro Wicaksono	Standard	Perpustakaan Depdiknas

Figure 1.18: Visitor List

For a description of the missing features, please see the section “Absence.”

1.17 “Fines Report” Menu

This is a report based on the numbers of members fined each day.

Year

2012

Month

Mar

Apply Filter

Show More Filter Options

Fines Count Report for year 2012, month 03

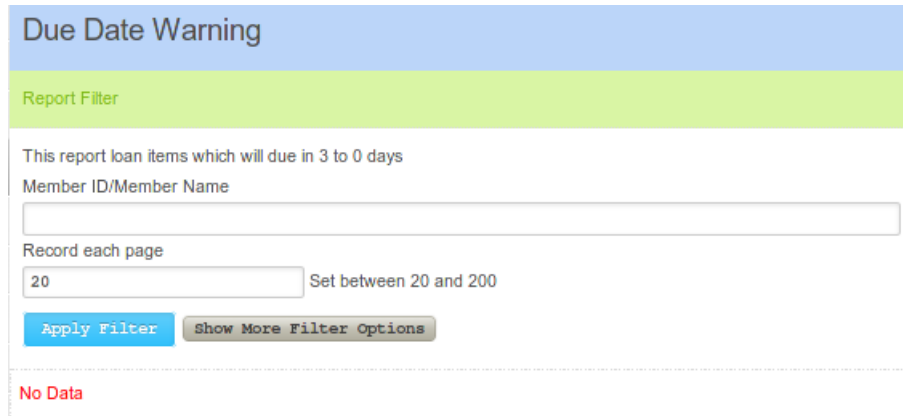
Print Current Page

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
						9000
25	26	27	28	29	30	31

Figure 1.19: Fines Report

1.18 “Due Date Warning” Menu

This report contains the items of the borrower that will be due within 3 days.



The screenshot shows a web interface for a report titled "Due Date Warning". The interface has a blue header bar with the title, followed by a green bar labeled "Report Filter". Below this, a text description states: "This report loan items which will due in 3 to 0 days". There is a text input field labeled "Member ID/Member Name". Below the input field is a label "Record each page" followed by a numeric input field containing "20" and a text label "Set between 20 and 200". At the bottom of the filter section are two buttons: "Apply Filter" (blue) and "Show More Filter Options" (grey). Below the filter section, separated by a dashed line, is the text "No Data" in red.

Figure 1.20: Due date Warning