

Documentation for Accommodation Office Support System

This project aims to improve disability support services and streamline administrative processes at ESLSCA University.

It focuses on designing and implementing academic learning plans for students with disabilities, ensuring accessibility and equity in their educational experience.

Intended Audience

- **Students:** To submit disability-related forms and access personalized learning support plans.
- **Faculty:** To implement accommodations for students in their courses and exams.
- **Administrative Staff:** To review submissions, facilitate interviews, and manage the approval process for learning support plans.

Challenges Addressed

- Acceptance of which student in which school depending on the policy.
- Simplifying the submission and review process for disability evidence.
- Creating tailored academic learning plans to meet diverse disability requirements.
- Ensuring seamless communication and integration between stakeholders.

Design and Features

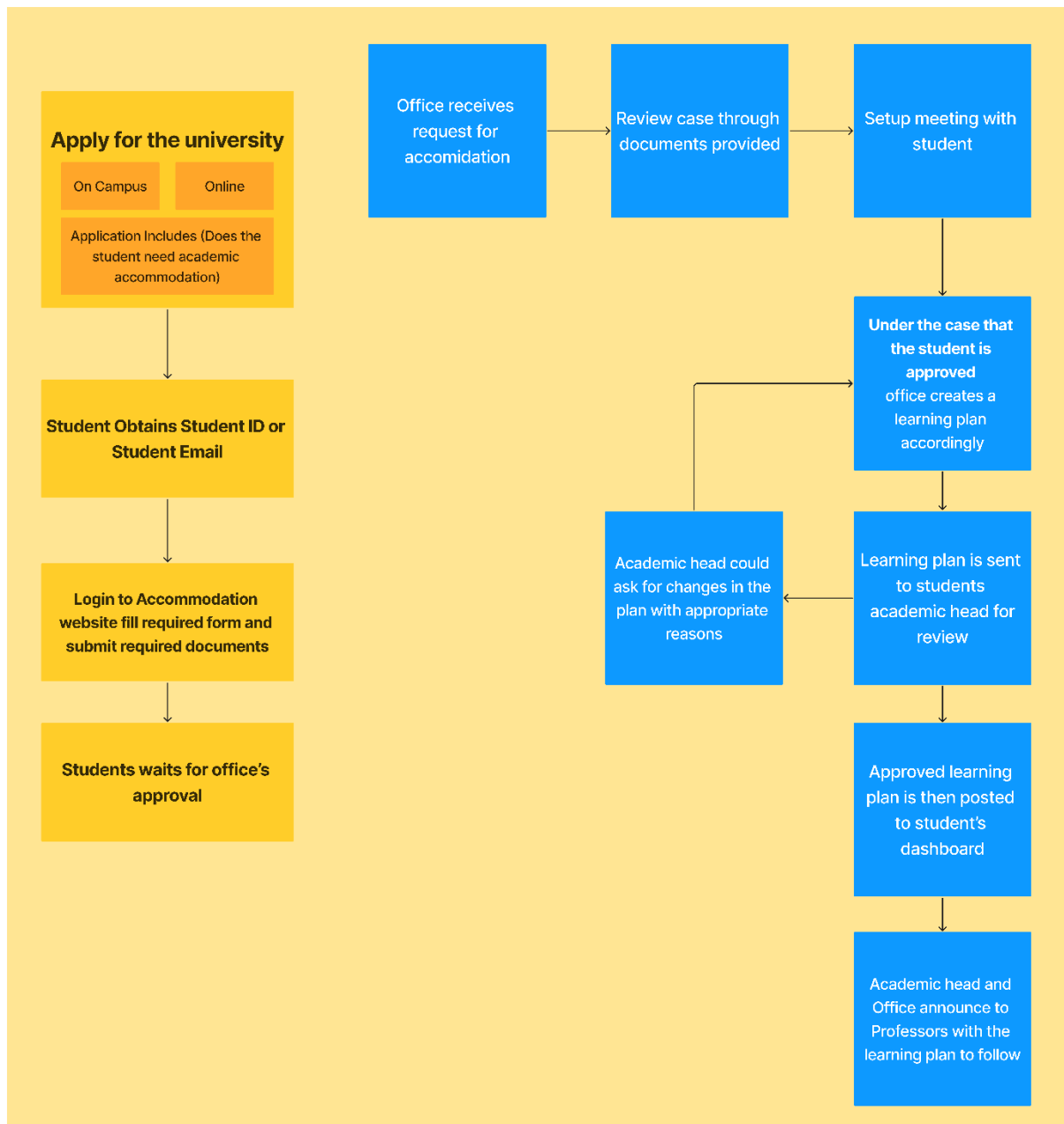
- The design shown in the pictures below is in the **development stage**.
- Features include:
 - A dashboard for managing forms, feedback, and calendars.
 - A system for submitting, reviewing, and approving learning support plans.
 - Integration with other university systems such as the self-service portal and the university website.

Planned Features

- Future integration with additional university systems.
- Notifications for users regarding the status of their submissions.
- Analytics for tracking and improving the support services.

Workflow

1. **Form Submission:** Students submit the Disability Evidence Form.
2. **Review:** Administrative staff review the submission.
3. **Interview:** Students are scheduled for an interview with the Accommodation Office.
4. **Plan Creation:** The Accommodation Office creates a tailored learning support plan based on the specific disability.
5. **Approval:** The plan is approved by the relevant department head (ie: BBA, BDT).
6. **Release:** The approved plan is shared with the student.



Technology Stack (MERN)

- **Frontend:** React.js
- **Backend:** Node.js with Express.js
- **Database:** MongoDB
- **API Integration:** Utilizes the University's API for seamless data exchange.

Accessibility

- Currently, no specific accessibility standards (e.g., WCAG) are implemented.
- No direct support for assistive technologies, though future updates could address this.
-

Maintenance and Future Expansion

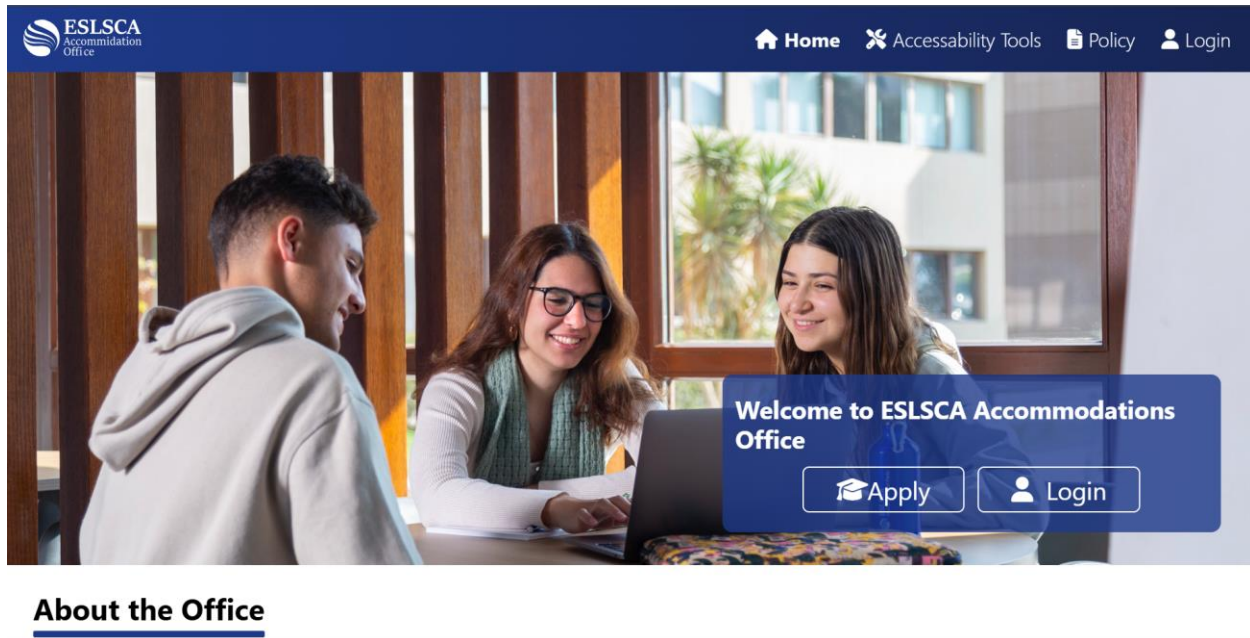
- **Current Maintenance:** The maintenance strategy is not defined yet.
- **Future Plans:**
 - Expanding the system to include other support services.
 - Developing a mobile application for improved accessibility and user experience.

Summary

This Disability Support System demonstrates ESLSCA University's commitment to inclusivity and accessibility. By leveraging modern technologies and streamlining workflows, it ensures that students with disabilities receive the necessary accommodations to thrive academically.

Pictures of the current development progress:

Home page



About the Office

About Section

About the Office


Disabilities vary widely and can be physical, mental, visible, or invisible, affecting major life activities in different ways. Since there is no exhaustive list, our office encourages students facing challenges due to an impairment to reach out so we can identify appropriate accommodations.

This department will ensure students with disabilities have comprehensive support, advocacy, and access to academic and extracurricular opportunities.

[See more](#)



Accommodations Provided Section



Accommodations Provided

The Accommodations Office provides students with many things insuring their comfortability and ease of accessibility during their academic journey.

This includes assistive Technologies such as screen readers, voice recognition software, FM systems, and adaptive tools.

In addition to accessible ramps, elevators, and tactile pathways around the campus

[See all accommodations](#)

Login Page

Login

[Continue](#)

Form Submission for Students

[< Back](#)

Personal Details

Student ID Number

First Name

Last Name

Date of Birth

School

Select School

[Medical Reports](#)
Click to upload medical reports

[Doctor's Form](#)
Click to upload doctor's form

[Submit](#)

Dashboard for Students

Accommodation's Office

●

Welcome Back,
Ahmed Hatem

Dashboard

Forms

Requests

Plans

Feedback

Calendar

Convert PDF

●

Dashboard

Current Learning Plan

Access to private study rooms/exams

Status: Approved
Courses: Marketing 101, Business Ethics

Scribe Teacher

Status: Active
Courses: Financial Management, Economics

Attendance policy

Status: Active
Courses: All Courses

Modifying course materials

Status: Inactive
Courses: Calculus D401

Requested Forms from Office

Missing Medical Report

ID: F-2024-089
Submitted: 2024-02-20

Approved New Requests

Exam Accommodation

ID: F-2024-071
Approved: 2024-01-20

Note-Taking Service

ID: F-2024-075
Approved: 2024-02-01

Previous Learning Plan

Fall 2023

- Extra Time on Exams (25%)
- Quiet Testing Environment
- Digital Materials

Feedback

From: Dr. Sarah

Good progress in utilizing note-taking services
2024-02-20

From: Support Office

Successfully implemented exam accommodations

Announcements

Spring Break Support Services

2024-02-23

New Assistive Technology Available

2024-02-22

Upcoming Workshop: Study Strategies

2024-02-20

Meetings

Support Review Meeting

Date: 2024-03-01
Time: 14:00

Request Form Page for Students

Accommodation's Office

●

Welcome Back,
Student's Name

Dashboard

Forms

Requests

Plans

Feedback

Calendar

Convert PDF

●

Requests

Requests Form

Type of Request:

Mobility Assistance

Relevant details:

Add your details here...

Supporting documents:

Choose File

No file chosen

Submit Request

PDF Converter for Students

Accommodation's Office

Welcome Back, Student's Name

Dashboard

Forms

Requests

Plans

Feedback

Calendar

Convert PDF

Convert PDF

Upload any PDF file & convert it to be able to use the Accessibility Tools

Upload PDF:

[Choose File](#) Ch 8 Databa...velopers.pdf

File Uploaded: Ch 8 Database for Web Developers.pdf

Extracted Text:

Database for Web Developers Ideas for today and tomorrow Dr. Ayman Ezzat Associate Professor – MSA, FCIH A database in real practice • Answer the following Questions • How many items bought by username Ahmed? • Ahmed username is repeated twice, hmm which one? • How many users play Tennis? • Is it Tennis or Tennis? Should I used select * from where = !!! • How many users Living in Nasr City? • Someone write his address in franko arab !!! • How many users Bought x12 Mobile? • Is it x12 or x121 how you can distinguish like %% • Can you edit the row number 3? • There is not ID for each row how can you fetch this row • What are the telephone numbers for user Kareem? • How about Null • What is the password for user Laila? • Wow all passwords are available for everyone !!!! 12 Normalizations – beyond theoretical issues 1. Never have a table without and ID. 2. Never Copy and Paste Fields !. 3. Strings must not be repeated. 4. NO Nulls in the Database by any means. 5. A comma separated Field is the worst to do in your life. 6. 4 tables are always lovely and will save you many times. 7. Working with Int (Numbers) is always accurate and preferred. 8. Use EAV whenever attributes are changing 9. Use the Self reference key for any tree. 10. We hate the like statement as it is always very slow 11. Always Fill your Tables with Data so you understand your mistakes 12. Never delete a record physically from Database always have log for all transactions. Creating Database issues Support Multi Language 1 Duplicated Values – Split by ID Always use ID for any table, you will use this ID to catch the ROW 2 Never Copy and paste • Duplicate results must be collected in one table and then distinguished by ID as foreign key with restrictions if needed. □ 3 Strings must not be repeated • Repeated Strings Waste Space • Results of any search is not accurate and will have mistakes • Words could have spelling mistakes • Solution, Take any repeated string into a sperate table and have foreign key to this table so simply repeat numbers. 4 NO Nulls in the Database by any means. • Null make

Dyslexic font with screen indictator preview (help tools)

Accommodation's Office

Welcome

Learning Plans

Current Learning Plan

Access to private study rooms/exams
Status: Approved
Courses: Marketing 101, Business Ethics

Scribe Teacher
Status: Active
Courses: Financial Management, Economics

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Status: Active
Courses: All Courses

Modifying course materials
Status: Inactive
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Previous Learning Plan

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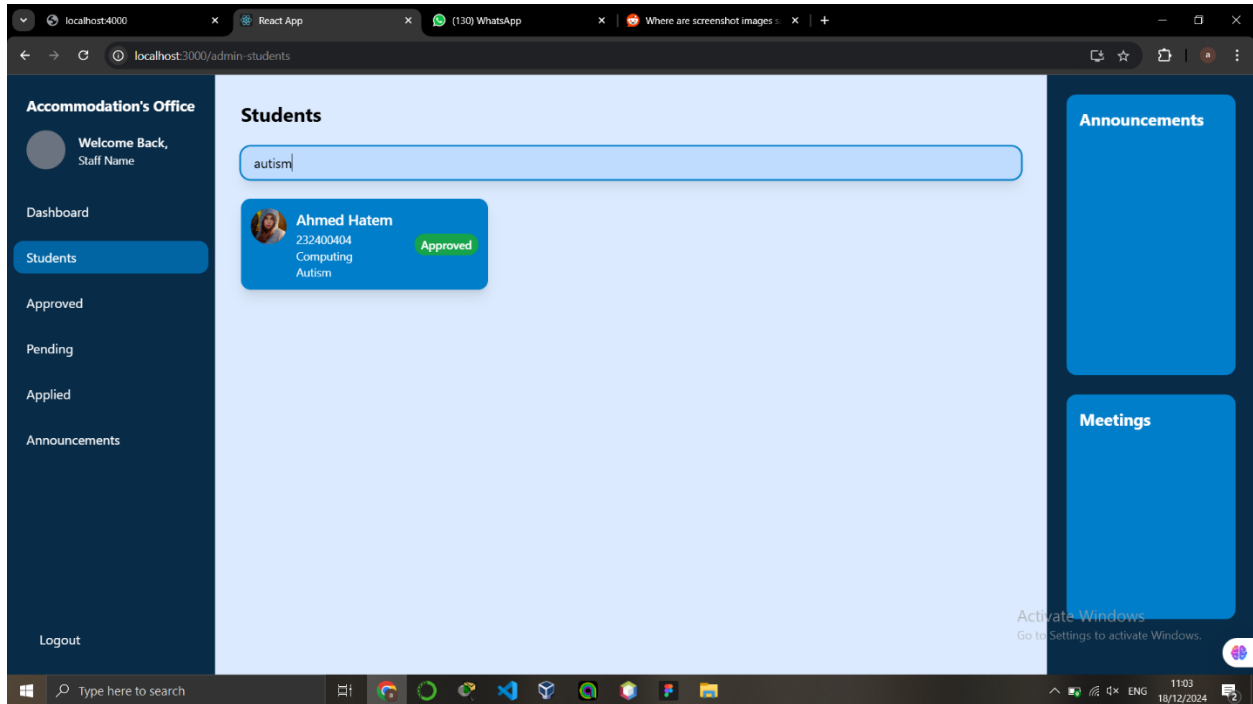
Dashboard for Staff

The screenshot shows a web application interface for a staff dashboard. The browser tabs include 'localhost:4000', 'React App', '(130) WhatsApp', and 'Where are screenshot images'. The address bar shows 'localhost:3000/admin-dashboard'. The interface has a dark blue sidebar on the left with the text 'Accommodation's Office' and a welcome message 'Welcome Back, Staff Name'. The sidebar menu includes 'Dashboard', 'Students', 'Approved', 'Pending', 'Applied', and 'Announcements'. The main content area is titled 'Dashboard' and features three blue boxes at the top: 'Applied Students' with the number 2, 'Pending Students' with the number 3, and 'Approved Students' with the number 1. Below these is a calendar for November with dates 1 through 30. At the bottom of the main area are two boxes: 'Pending Students' listing 'Student 1', 'Student 2', and 'Student 3'; and 'Unviewed Students' listing 'Student 1', 'Student 2', and 'Student 3'. The right sidebar contains 'Announcements' and 'Meetings' sections. The Windows taskbar at the bottom shows the search bar, task view, and various application icons, with the system clock displaying 11:03 on 18/12/2024.

Students List

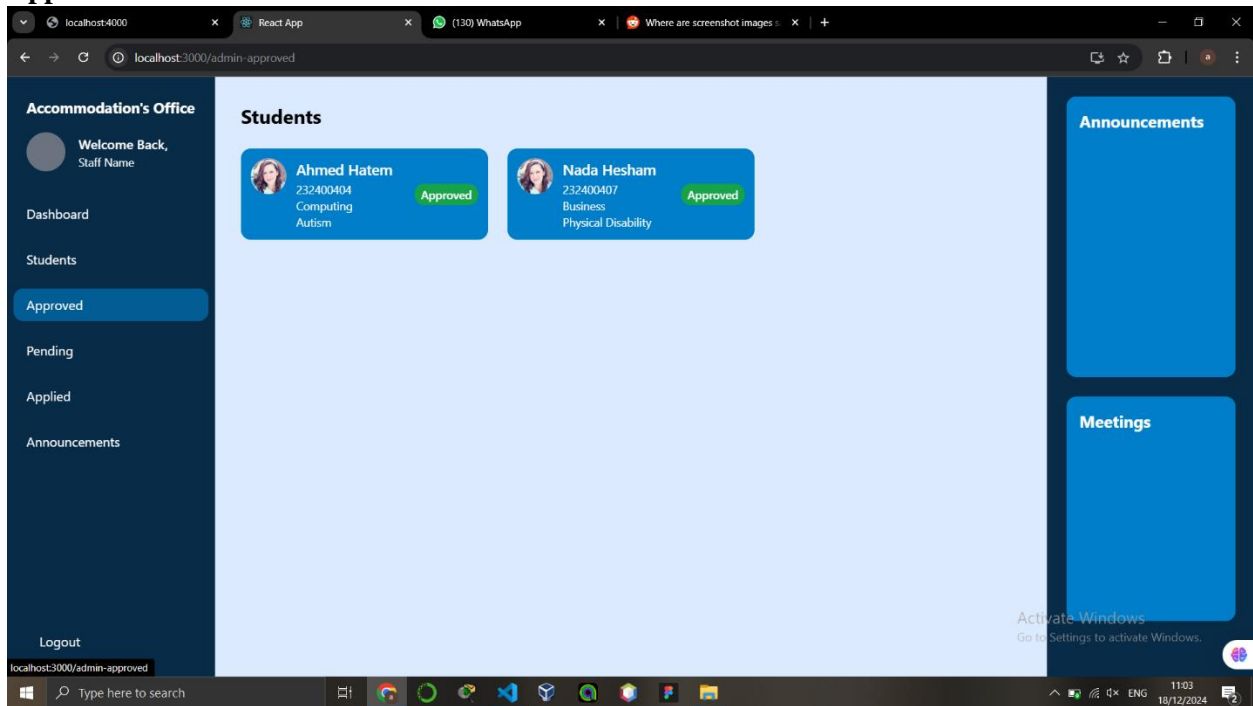
The screenshot shows the 'Students List' page of the web application. The browser tabs and address bar are the same as in the dashboard view. The sidebar on the left is identical, but the 'Students' menu item is highlighted. The main content area is titled 'Students' and features a search bar with the placeholder text 'Search by name, ID, department, disability, etc.'. Below the search bar are four student cards. Each card displays a profile picture, the student's name, ID, department, and disability, along with a status tag. The students listed are: Ahmed Hatem (ID: 232400404, Computing, Autism, Approved), Mohamed Ali (ID: 232400405, Business, Dyslexia, Pending), Sarah Ahmed (ID: 232400406, Computing, ADHD, Applied), and Nada Hesham (ID: 232400407, Business, Physical Disability, Approved). The right sidebar contains 'Announcements' and 'Meetings' sections. The Windows taskbar at the bottom is the same as in the dashboard view.

Student Search



The screenshot shows a web application running on a Windows desktop. The browser address bar displays 'localhost:3000/admin-students'. The application has a dark blue sidebar on the left with the title 'Accommodation's Office' and a user profile 'Welcome Back, Staff Name'. The sidebar menu includes 'Dashboard', 'Students' (highlighted), 'Approved', 'Pending', 'Applied', 'Announcements', and 'Logout'. The main content area is titled 'Students' and features a search bar with the text 'autism'. Below the search bar, a single student card is displayed for 'Ahmed Hatem' (ID: 232400404, Computing, Autism) with a green 'Approved' tag. On the right, there are two empty blue boxes labeled 'Announcements' and 'Meetings'. An 'Activate Windows' watermark is visible in the bottom right corner of the main area. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons, with the system clock indicating 11:03 on 18/12/2024.

Approved Students



The screenshot shows the same web application but with the browser address bar set to 'localhost:3000/admin-approved'. The sidebar is identical to the previous view, with 'Approved' now highlighted in the menu. The main content area, still titled 'Students', displays two student cards side-by-side. The first card is for 'Ahmed Hatem' (ID: 232400404, Computing, Autism) and the second is for 'Nada Hesham' (ID: 232400407, Business, Physical Disability), both with green 'Approved' tags. The right sidebar with 'Announcements' and 'Meetings' boxes remains empty. The 'Activate Windows' watermark and the Windows taskbar are also present, showing the same time and date as the previous screenshot.

Pending Students

The screenshot shows a web application interface for 'Pending Students'. The browser's address bar displays 'localhost:3000/admin-pending'. The interface features a dark blue sidebar on the left with the title 'Accommodation's Office' and a 'Welcome Back, Staff Name' message. The sidebar contains a list of navigation items: 'Dashboard', 'Students', 'Approved', 'Pending' (which is highlighted), 'Applied', and 'Announcements'. At the bottom of the sidebar is a 'Logout' button. The main content area has a light blue background and is titled 'Students'. It displays a single student card for 'Mohamed Ali' with ID '232400405', major 'Business', and condition 'Dyslexia'. The card has a yellow 'Pending' label. On the right side, there are two empty blue boxes labeled 'Announcements' and 'Meetings'. A Windows watermark is visible in the bottom right corner of the application area. The browser's taskbar at the bottom shows the search bar and various application icons.

Applied Students

The screenshot shows the same web application interface but for 'Applied Students'. The browser's address bar displays 'localhost:3000/admin-applied'. The sidebar on the left is identical to the previous page, but the 'Applied' item is now highlighted. The main content area, titled 'Students', displays a single student card for 'Sarah Ahmed' with ID '232400406', major 'Computing', and condition 'ADHD'. The card has a red 'Applied' label. The right sidebar with 'Announcements' and 'Meetings' boxes remains the same. The Windows watermark and the browser's taskbar are also present.

Announcements

Accommodation's Office

Welcome Back,
Staff Name

Dashboard

Students

Approved

Pending

Applied

Announcements

Announcements

Announcement One

The next meeting is on Monday.

By: John Doe | Date: 20/11/2024

Announcement Two

Doctor feedback is due tomorrow.

By: John Smith | Date: 27/11/2024

Announcement Three

The new plan has been implemented.

By: Alice Johanson | Date: 3/12/2024

Announcements

Meetings

Create Announcement

Logout

Add New Announcement

Title

announcementt 4

Message

meeting on sunday

Add Announcement

Activate Windows
Go to Settings to activate Windows.

Student Learning Plan Academic Suport Form

Accommodation's Office

Welcome Back,
Laila

Dashboard

Students

Approved

Pending

Applied

Announcements

Student Learning Plan

Ahmed Hatem

ID: 232400404

Faculty: Computing

Disability: Autism

Pending

Academic Support

Type of Support	Needed	Not Needed	Courses
Allowed to record your lectures in line with University Policy	Yes ✓	No ✗	Applies To ▾
Extensions to course work deadlines	Yes ✓	No ✗	Applies To ▾
A note taker provided for your classes	Yes ✓	No ✗	Applies To ▾
Materials in alternative formats (coloured paper or braille)	Yes ✓	No ✗	Applies To ▾
Practical support (library or lab assistance)	Yes ✓	No ✗	Applies To ▾
Assistive software (screen reading or speech recognition)	Yes ✓	No ✗	Applies To ▾
Specialist equipment (radio aid)	Yes ✓	No ✗	Applies To ▾

Announcements

Student Learning Plan Exam Support Form

Access of mobility requirements

Yes

No

Applies to

Exam Support

Type of Support	Needed	Not Needed	Courses
Extra time in exams	25 minutes	No ✕	Applies To ▾
Rest break time in exams	15 minutes	No ✕	Applies To ▾
Use of university PC in exams	Yes ✓	No ✕	Applies To ▾
Exam NOT in a large hall	Yes ✓	No ✕	Applies To ▾
Exam taken alone	Yes ✓	No ✕	Applies To ▾
Exam reader	Yes ✓	No ✕	Applies To ▾
Exam scribe	Yes ✓	No ✕	Applies To ▾
Use of assistive software in exams	Yes ✓	No ✕	Applies To ▾
One to one tutoring	Yes ✓	No ✕	Applies To ▾
Extra time for assignment submission	7 days	No ✕	Applies To ▾

Logout

Meetings

Applied Student Section in Admin

Accommodation's Office

Welcome Back,
Laila

Dashboard

Students

Approved

Pending

Applied

Announcements

Logout

Student Application

Ahmed Hatem

ID: 232400404

Faculty: Computing

Disability: Autism

Applied

Application Details

Student ID
232400404

Date of Birth
5/28/2006

First Name
Ahmed

School
Computing

Last Name
Hatem

Application Date
3/10/2025

Medical Reports

Al Salam Hospital Report [Download](#)

Doctor's Form

Dr. Ahmed Shawky [Download](#)

Actions

[Reject Application](#) [Accept & Request Meeting](#)

Announcements

Meetings

Database Preview

The screenshot shows the MongoDB Atlas interface for a database named 'AccommodationOffice'. The 'Data Services' tab is active, showing the 'students' collection. The interface includes a sidebar with navigation options like Overview, DATABASE, Clusters, SERVICES, and SECURITY. The main content area displays the 'students' collection with a search bar and a 'Find' button. Below the search bar, there is a 'Filter' section with a query input field. The 'QUERY RESULTS' section shows 1-3 of 3 results, with the first result expanded to show a JSON document. The document contains fields like '_id', 'name', 'id', 'dob', 'image', 'faculty', 'status', 'disability', 'learningPlan', 'subjects', 'doctorsForm', and 'medicalReports'. The system status at the bottom is 'All Good'.

Atlas ESLSCA Access Manager Billing All Clusters Get Help Yassin

AccommodationOffice.students

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 4.76KB TOTAL DOCUMENTS: 3 INDEXES TOTAL SIZE: 72KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

Filter Type a query: { field: 'value' } Reset Apply Options

QUERY RESULTS: 1-3 OF 3

```
{
  "_id": "ObjectId('67c21f2ae288cd57ecb63e0')",
  "name": "Ahmed Hatem",
  "id": "232400404",
  "dob": "2006-05-28T00:00:00.000+00:00",
  "image": "https://i.pravatar.cc/150",
  "faculty": "Computing",
  "status": "Applied",
  "disability": "Autism",
  "learningPlan": Object,
  "subjects": Array (5),
  "doctorsForm": Object,
  "medicalReports": Array (1)
}
```

System Status: All Good

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Website FlowChart

