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import { Card, Col, Row, Select, Spin } from "antd";
import ChartWidget from "components/shared-components/ChartWidget";
import {
  COLOR_1,
  COLOR_2,
  COLOR_4,
  COLOR_5,
  COLOR_6,
  COLOR_7,
  COLOR_8,
  COLOR_9,
} from "constants/ChartConstant";
import React, { useEffect, useState } from "react";
import { useDispatch, useSelector } from "react-redux";
import FilterBarReport from "../components/FilterBarReport";
import {
  getReportKcbAllHospital,
  getReportKcbHospital,
} from "store/slices/reportSlice";
import moment from "moment";
import { isEmpty } from "lodash";

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const formater = new Intl.NumberFormat("vi-VN");

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export const FILTER_TIME_ID = {
  Yesterday: 1,
  Today: 2,
  ThisWeek: 3,
  ThisMonth: 4,
  LastMonth: 5,
  ThisYear: 6,
  LastWeek: 7,
};

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export const FILTER_TIME_BY_ALL_BRANCH_KCB = [
  { value: FILTER_TIME_ID.Yesterday, label: "Hôm qua" },
  { value: FILTER_TIME_ID.LastWeek, label: "Tuần trước" },
  { value: FILTER_TIME_ID.LastMonth, label: "Tháng trước" },
  { value: FILTER_TIME_ID.Today, label: "Hôm nay" },
  { value: FILTER_TIME_ID.ThisWeek, label: "Tuần này" },
  { value: FILTER_TIME_ID.ThisMonth, label: "Tháng này" },
  { value: FILTER_TIME_ID.ThisYear, label: "Năm này" },
];

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const initHospital = {
  startDate: moment().startOf("isoweek"),
  endDate: moment().endOf("isoweek"),
  hospitalId: null,
  nhomtheoId: 1,
};

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const initAllHospital = {
  startDate: moment().startOf("isoweek"),
  endDate: moment().endOf("isoweek"),
  arrId: [],
};

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export const arrNhomTheo = [
  {
    value: 5,
    label: "Nhóm theo năm",
  },
  {
    value: 4,
    label: "Nhóm theo quý",
  },
  {
    value: 3,
    label: "Nhóm theo tháng",
  },
  {
    value: 2,

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    label: "Nhóm theo tuần",
  },
  {
    value: 1,
    label: "Nhóm theo ngày",
  },
];

const HoatDongKcbDashboard = () => {
  const dispatch = useDispatch();
  const { direction } = useSelector((state) => state.theme);
  const { loading, reportKcbHospital, reportKcbAllHospital } = useSelector(
    (state) => state.report
  );
  const { hospitalList } = useSelector((state) => state.category);

  const [filterHospital, setFilterHospital] = useState(initHospital);
  const [filterAllHospital, setFilterAllHospital] = useState(initAllHospital);
  const [columnWidth, setColumnWidth] = useState("8px");

  useEffect(() => {
    dispatch(getReportKcbHospital({ ...filterHospital }));
  }, [dispatch, filterHospital]);

  useEffect(() => {
    dispatch(getReportKcbAllHospital(filterAllHospital));
  }, [dispatch, filterAllHospital]);

  const onChangeHospital = (value) => {
    if (isEmpty(value)) return;
    let arrId = value;
    if (arrId.includes("all")) {
      arrId = hospitalList?.map((i) => i.id);
    }
    setFilterAllHospital({ ...filterAllHospital, arrId });
  };

  useEffect(() => {
    if (hospitalList?.length > 0) {
      setFilterHospital((prev) => ({
        ...prev,
        hospitalId: hospitalList[0].id,
      }));
    }
  }, [hospitalList]);

  const CustomComponentHospital = () => {
    var data = hospitalList?.map((x) => ({
      label: x.name,
      value: x.id,
    }));
    return (
      <div className="mr-md-3 mb-3">
        <Select
          mode="multiple"
          allowClear
          onChange={onChangeHospital}
          defaultValue="all"
          style={{ width: 300 }}
          optionFilterProp="children"
          options={[{ value: "all", label: "Chọn tất cả" }].concat(data)}
          filterOption={(input, option) =>
            (option?.label ?? "").toLowerCase().includes(input.toLowerCase())
          }
        />
      </div>
    );
  };

  const CustomComponentHospital1 = () => {
    var data1 = hospitalList?.map((x) => ({
      label: x.name,
      value: x.id,
    }));
    return (
      <div className="mr-md-3 mb-3">
        <Select
          placeholder="Chọn chi nhánh"

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        onChange={(value) => {
            setFilterHospital((prev) => ({
                ...prev,
                hospitalId: value,
            }));
        }}
        defaultValue={null}
        //value={filterHospital.hospitalId}
        style={{ width: 300 }}
        options={[{ value: null, label: "Tất cả" }].concat(data1)}
    />
    <Select
        placeholder="Nhóm theo"
        onChange={(value) => {
            setFilterHospital((prev) => ({
                ...prev,
                nhomtheoId: value,
            }));
            if (value === 1) {
                setColumnWidth("8px");
            } else {
                setColumnWidth("15px");
            }
        }}
        value={filterHospital.nhomtheoId}
        style={{ width: 180, paddingLeft: 15 }}
        options={arrNhomTheo?.map((i) => ({
            label: i.label,
            value: i.value,
        })))}
    />
</div>
);
};

return (
    <Spin tip="Đang tải..." spinning={loading}>
        <Card>
            <FilterBarReport
                CustomComponent={CustomComponentHospital()}
                filter={filterAllHospital}
                setFilter={setFilterAllHospital}
                FILTER_TIME={FILTER_TIME_BY_ALL_BRANCH_KCB}
            />
            <ChartWidget
                series={reportKcbAllHospital?.doanhThuKCBData || []}
                xAxis={reportKcbAllHospital?.labelData || []}
                title="TỔNG HỢP TÌNH HÌNH KHÁM CHỮA BỆNH TẠI CÁC CHI NHÁNH"
                height={410}
                type="line"
                direction={direction}
                customOptions={{
                    colors: [
                        COLOR_6,
                        COLOR_1,
                        COLOR_7,
                        COLOR_9,
                        COLOR_4,
                        COLOR_5,
                        COLOR_2,
                        COLOR_8,
                    ],
                    yAxis:
                        reportKcbAllHospital && reportKcbAllHospital.labelData
                            ? [
                                {
                                    seriesName: "Lượt KCB",
                                    opposite: true,
                                    labels: {
                                        formatter: function (y) {
                                            return formater?.format(y) + " lượt";
                                        },
                                    },
                                },
                            ],
                },
            />
        </Card>
    </Spin>
);

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{
  seriesName: "Lượt KCB",
  opposite: true,
  show: false,
  labels: {
    formatter: function (y) {
      return formater?.format(y);
    },
  },
},
{
  seriesName: "Lượt KCB",
  opposite: true,
  show: false,
  labels: {
    formatter: function (y) {
      return formater?.format(y);
    },
  },
},
{
  seriesName: "Lượt KCB",
  opposite: true,
  show: false,
  labels: {
    formatter: function (y) {
      return formater?.format(y);
    },
  },
},
{
  seriesName: "Tổng doanh thu",
  labels: {
    formatter: function (y) {
      return y
        ? y / 1000000000 >= 1
          ? y / 1000000000 + " tỷ đ"
          : y / 1000000 >= 1
            ? y / 1000000 + " triệu đ"
            : y / 1000 >= 1
              ? y / 1000 + " nghìn đ"
              : y > 0
                ? y + " đ"
                : y + " đ"
            : 0;
    },
  },
},
{
  seriesName: "Tổng doanh thu",
  show: false,
},
{
  seriesName: "Tổng doanh thu",
  show: false,
},
{
  seriesName: "Tổng doanh thu",
  show: false,
},
]
: [],
tooltip: {
  y: {
    formatter: function (val) {
      return formater.format(val);
    },
  },
},
},
plotOptions: {
  bar: {
    horizontal: false,
    columnWidth: "20px",
    startingShapre: "rounded",
  },
},

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        endingShape: "rounded",
    },
},
}},
/>
</Card>
<Row gutter={16}>
  <Col xs={24} sm={24} md={24} lg={24} xl={24}>
    <Card>
      <FilterBarReport
        CustomComponent={CustomComponentHospital1()}
        filter={filterHospital}
        setFilter={setFilterHospital}
        FILTER_TIME={FILTER_TIME_BY_ALL_BRANCH_KCB}
        setColumnWidth={setColumnWidth}
      />
      <ChartWidget
        series={reportKcbHospital?.doanhThuKCBData || []}
        xAxis={reportKcbHospital?.labelData || []}
        title="BÁO CÁO DOANH THU KHÁM CHỮA BỆNH"
        height={360}
        type="line"
        direction={direction}
        customOptions={{
          colors: [COLOR_6, COLOR_1, COLOR_7, COLOR_4, COLOR_5, COLOR_2],
          yAxis:
            reportKcbHospital && reportKcbHospital?.labelData
              ? [
                  {
                    seriesName: "Lượt KCB",
                    opposite: true,
                    labels: {
                      formatter: function (y) {
                        return formater.format(y) + " lượt";
                      },
                    },
                  },
                  {
                    seriesName: "Lượt KCB",
                    opposite: true,
                    show: false,
                    labels: {
                      formatter: function (y) {
                        return formater.format(y);
                      },
                    },
                  },
                  {
                    seriesName: "Lượt KCB",
                    opposite: true,
                    show: false,
                    labels: {
                      formatter: function (y) {
                        return formater.format(y);
                      },
                    },
                  },
                ],
          },
          {
            seriesName: "Tổng doanh thu",
            labels: {
              formatter: function (y) {
                return y / 1000000000 >= 1
                  ? y / 1000000000 + " tỷ đ"
                  : y / 1000000 >= 1
                  ? y / 1000000 + " triệu đ"
                  : y / 1000 >= 1
                  ? y / 1000 + " nghìn đ"
                  : y > 0
                  ? y + " đ"
                  : y + " đ";
              },
            },
          },
        ],
      },
    },
  },

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      seriesName: "Tổng doanh thu",
      show: false,
    },
    {
      seriesName: "Tổng doanh thu",
      show: false,
    },
  ],
  : [],
  tooltip: {
    y: {
      formatter: function (val) {
        return formater.format(val);
      },
    },
  },
},
plotOptions: {
  bar: {
    horizontal: false,
    columnWidth: columnWidth,
    startingShapre: "rounded",
    endingShape: "rounded",
  },
},
}},
/>
<ChartWidget
series={reportKcbHospital?.hoatDongKCBDData || []}
xAxis={reportKcbHospital?.labelData || []}
title="HOẠT ĐỘNG KHÁM CHỮA BỆNH"
height={360}
type="line"
direction={direction}
customOptions={{
  colors: [COLOR_6, COLOR_1, COLOR_7, COLOR_4, COLOR_5, COLOR_2],
  yAxis:
    reportKcbHospital && reportKcbHospital?.labelData
    ? [
      {
        seriesName: "Lượt KCB",
        opposite: true,
        show: true,
        labels: {
          formatter: function (y) {
            return formater.format(y) + " lượt";
          },
        },
      },
      {
        seriesName: "Lượt KCB",
        opposite: true,
        show: false,
        labels: {
          formatter: function (y) {
            return formater.format(y);
          },
        },
      },
    ],
    {
      seriesName: "Lượt KCB",
      opposite: true,
      labels: {
        formatter: function (y) {
          return formater.format(y);
        },
      },
    },
    {
      seriesName: "Tổng doanh thu",
      labels: {
        formatter: function (y) {
          return y / 1000000000 >= 1
            ? y / 1000000000 + " tỷ đ"
            : y / 1000000 >= 1

```

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        ? y / 1000000 + " triệu đ"
        : y / 1000 >= 1
        ? y / 1000 + " nghìn đ"
        : y > 0
        ? y + " đ"
        : y + " đ";
    },
  },
},
{
  seriesName: "Tổng doanh thu",
  show: false,
},
{
  seriesName: "Tổng doanh thu",
  show: false,
},
]
: [],
tooltip: {
  y: {
    formatter: function (val) {
      return formater.format(val);
    },
  },
},
},
plotOptions: {
  bar: {
    horizontal: false,
    columnWidth: columnWidth,
    startingShapre: "rounded",
    endingShape: "rounded",
  },
},
}},
/>
</Card>
</Col>
</Row>
</Spin>
);
};

export default HoatDongKcbDashboard;
```