```
import { createSlice, createAsyncThunk } from "@reduxjs/toolkit";
import { cloneDeep } from "lodash";
import DanhMucService from "services/sale/DanhMucService";
import { initDmLoaiDv } from "views/app-views/sale/category/DmLoaiDichVu";
import { initDmkk } from "views/app-views/sale/category/Dmkk";
import { initDmdonvitinh } from "views/app-views/sale/category/Dmdonvitinh";
import { initDmhoatchat } from "views/app-views/sale/category/Dmhoatchat";
import { initDmnhomthuoc } from "views/app-views/sale/category/Dmnhomthuoc";
import { initDmthuocvattu } from "views/app-views/sale/category/Dmthuocvattu";
import { initHangSapHetTon } from "views/app-views/sale/category/Dmhanghetton";
//#region Dmkk
export const getDmLoaiKk = createAsyncThunk(
  "danhmuc/getDmLoaiKk",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getDmLoaiKk();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const getDmKk = createAsyncThunk(
  "danhmuc/getDmKk",
  async (_, { rejectWithValue }) => {
   try {
      const response = await DanhMucService.getDmKk();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const getAllDmKk = createAsyncThunk(
  "danhmuc/getAllDmKk",
  async (data, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getAllDmKk(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const createDmkk = createAsyncThunk(
  "danhmuc/addnewDmkk",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmkk(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const updateDmkk = createAsyncThunk(
  "danhmuc/updateDmkk",
 async (data, { rejectWithValue }) => {
   try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmkk(payload);
```

```
if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const deleteDmkk = createAsyncThunk(
  "danhmuc/deleteDmkk",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmkk(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
//#endregion
//#region DmLoaiDv
export const getDmLoaiDv = createAsyncThunk(
  "danhmuc/getDmLoaiDv",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getDmLoaiDv();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
export const getAllDmLoaiDv = createAsyncThunk(
  "danhmuc/getAllDmLoaiDv",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getAllDmLoaiDv();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const createDmLoaiDv = createAsyncThunk(
  "danhmuc/addnewDmLoaiDv",
  async (data, { rejectWithValue }) => {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmLoaiDv(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const updateDmLoaiDv = createAsyncThunk(
  "danhmuc/updateDmLoaiDv",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmLoaiDv(payload);
```

```
if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const deleteDmLoaiDv = createAsyncThunk(
  "danhmuc/deleteDmLoaiDv",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmLoaiDv(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
//#endregion
//#region Dmdoituong
export const getDmDoiTuong = createAsyncThunk(
  "danhmuc/getDmDoiTuong",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getDmDoiTuong();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
//#endregion
//#region Dmthuocvattu
export const getDmThuocVatTu = createAsyncThunk(
  "danhmuc/getDmThuocVatTu",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getDmThuocVatTu();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const getAllDmthuocvattu = createAsyncThunk(
  "danhmuc/getAllDmthuocvattu",
  async (_, { rejectWithValue }) => {
      const response = await DanhMucService.getAllDmThuocVatTu();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const searchDmThuocVatTu = createAsyncThunk(
  "danhmuc/searchDmThuocVatTu",
  async (data, { rejectWithValue }) => {
      const response = await DanhMucService.searchDmThuocVatTu(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
```

```
);
export const getHangSapHetTon = createAsyncThunk(
  "danhmuc/getHangSapHetTon",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getHangSapHetTon();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
export const updateHangSapHetTon = createAsyncThunk(
  "danhmuc/updateHangSapHetTon",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateHangSapHetTon(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const createDmthuocvattu = createAsyncThunk(
  "danhmuc/addnewDmThuocVatTu",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmThuocVatTu(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const updateDmthuocvattu = createAsyncThunk(
  "danhmuc/updateDmThuocVatTu",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmThuocVatTu(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const deleteDmthuocvattu = createAsyncThunk(
  "danhmuc/deleteDmThuocVatTu",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmThuocVatTu(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
```

```
}
//#endregion
//#region Dmphai
export const getDmPhai = createAsyncThunk(
  "danhmuc/getDmPhai",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmPhai();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
//#endregion
//#region Dmloaiphieu
export const getDmLoaiPhieuNhapXuat = createAsyncThunk(
  "danhmuc/getDmLoaiPhieuNhapXuat",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmLoaiPhieuNhapXuat();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
);
//#endregion
//#region Dmdonvitinh
export const getDmdonvitinh = createAsyncThunk(
  "danhmuc/getDmdonvitinh",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmdonvitinh();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const getAllDmdonvitinh = createAsyncThunk(
  "danhmuc/getAllDmdonvitinh",
  async (data, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getAllDmdonvitinh(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const createDmdonvitinh = createAsyncThunk(
  "danhmuc/addnewDmdonvitinh",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmdonvitinh(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
);
```

```
export const updateDmdonvitinh = createAsyncThunk(
  "danhmuc/updateDmdonvitinh"
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmdonvitinh(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const deleteDmdonvitinh = createAsyncThunk(
  "danhmuc/deleteDmkk",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmdonvitinh(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
);
//#endregion
//#region Dmhoatchat
export const getDmhoatchat = createAsyncThunk(
  "danhmuc/getDmhoatchat",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmhoatchat();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const getAllDmhoatchat = createAsyncThunk(
  "danhmuc/getAllDmdhoatchat",
  async (data, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getAllDmhoatchat(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const createDmhoatchat = createAsyncThunk(
  "danhmuc/addnewDmhoatchat",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmhoatchat(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
```

```
export const updateDmhoatchat = createAsyncThunk(
  "danhmuc/updateDmhoatchat",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmhoatchat(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const deleteDmhoatchat = createAsyncThunk(
  "danhmuc/deleteDmkk",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmhoatchat(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
//#endregion
//#region Dmnhomthuoc
export const getDmdmnhomthuoc = createAsyncThunk(
  "danhmuc/getDmnhomthuoc",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmnhomthuoc();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const getAllDmnhomthuoc = createAsyncThunk(
  "danhmuc/getAllDmnhomthuoc",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getAllDmnhomthuoc();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
);
export const createDmnhomthuoc = createAsyncThunk(
  "danhmuc/addnewDmnhomthuoc",
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.addDmnhomthuoc(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
```

```
export const updateDmnhomthuoc = createAsyncThunk(
  "danhmuc/updateDmnhomthuoc"
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.updateDmnhomthuoc(payload);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
export const deleteDmnhomthuoc = createAsyncThunk(
  "danhmuc/deleteDmnhomthuoc"
  async (data, { rejectWithValue }) => {
    try {
      const { onSuccess, id } = data;
      const payload = cloneDeep(data);
      delete payload.onSuccess;
      const response = await DanhMucService.deleteDmnhomthuoc(id);
      if (onSuccess) onSuccess(response);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
  }
);
//#endregion
export const getDmLyDoTc = createAsyncThunk(
  "danhmuc/getDmLyDoTc",
  async (data, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmLyDoTc(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
export const getDmHinhThucTT = createAsyncThunk(
  "danhmuc/getDmHinhThucTT",
  async (_, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmHinhThucTT();
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
export const getDmNhanVien = createAsyncThunk(
  "danhmuc/getDmNhanVien",
  async (data, { rejectWithValue }) => {
      const response = await DanhMucService.getDmNhanVien(data);
      return response.data;
    } catch (err) {
      return rejectWithValue(err.message || "Error");
 }
);
export const getDmKhachHang = createAsyncThunk(
  "danhmuc/getDmKhachHang",
  async (data, { rejectWithValue }) => {
    try {
      const response = await DanhMucService.getDmKhachHang(data);
      return response.data;
    } catch (err) {
```

```
return rejectWithValue(err.message || "Error");
  }
);
const initialState = {
  loading: false,
  dmLoaiKkList: [],
  dmKkList: [],
  dmLoaiPhieuNhapXuatList: [],
  dmDoiTuongList: [],
  dmThuocVatTuList: [],
  searchDmThuocVatTuList: [],
  allDmKkList: [],
  allDmLoaiDvList: [],
  allDmdonvitinhList: [],
  allDmhoatchatList: [],
  allDmnhomthuocList: [],
  allDmthuocvattuList: [],
  allHangSapHetTonList: [],
  dmPhaiList: [],
  dmHinhThucTTList: [],
  dmLyDoTcList: [],
  dmNhanVienList: [],
  dmKhachHangList: [],
  dmkkId: null,
};
export const danhmucSlice = createSlice({
  name: "danhmuc",
  initialState,
  reducers: {
    showLoading: (state) => {
      state.loading = true;
    },
    setAllDmkkList: (state, action) => {
      state.allDmKkList = action.payload;
    setAllDmLoaiDvList: (state, action) => {
      state.allDmLoaiDvList = action.payload;
    },
    setAllDmdonvitinhList: (state, action) => {
      state.allDmdonvitinhList = action.payload;
    setAllDmhoatchatList: (state, action) => {
      state.allDmhoatchatList = action.payload;
    setAllDmnhomthuocList: (state, action) => {
      state.allDmnhomthuocList = action.payload;
    setAllDmthuocvattuList: (state, action) => {
      state.allDmthuocvattuList = action.payload;
    setAllHangSapHetTonList: (state, action) => {
      state.allHangSapHetTonList = action.payload;
    },
  },
  extraReducers: (builder) => {
    builder
      .addCase(getDmKk.pending, (state) => {
        state.loading = true;
      })
      .addCase(getDmKk.fulfilled, (state, action) => {
        state.loading = false;
        state.dmKkList = action.payload;
          action.payload.filter((x) => x.maloai === 1).length > 0
            ? action.payload.filter((x) => x.maloai === 1)[0].value
            : null;
      })
      .addCase(getDmKk.rejected, (state, action) => {
        state.loading = false;
      }) //
      .addCase(searchDmThuocVatTu.pending, (state) => {
```

```
state.loading = true;
})
.addCase(searchDmThuocVatTu.fulfilled, (state, action) => {
  state.loading = false;
  state.searchDmThuocVatTuList = [initDmkk, ...action.payload];
})
.addCase(searchDmThuocVatTu.rejected, (state, action) => {
  state.loading = false;
}) //
.addCase(getDmLoaiKk.pending, (state) => {
  state.loading = true;
})
.addCase(getDmLoaiKk.fulfilled, (state, action) => {
  state.loading = false;
  state.dmLoaiKkList = action.payload;
})
.addCase(getDmLoaiKk.rejected, (state, action) => {
  state.loading = false;
}) //
.addCase(getAllDmKk.pending, (state) => {
 state.loading = true;
})
.addCase(getAllDmKk.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmKkList = [initDmkk, ...action.payload];
})
.addCase(getAllDmKk.rejected, (state, action) => {
  state.loading = false;
}) //
.addCase(getAllDmLoaiDv.pending, (state) => {
 state.loading = true;
})
.addCase(getAllDmLoaiDv.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmLoaiDvList = [initDmLoaiDv, ...action.payload];
})
.addCase(getAllDmLoaiDv.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getAllDmdonvitinh.pending, (state) => {
  state.loading = true;
})
.addCase(getAllDmdonvitinh.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmdonvitinhList = [initDmdonvitinh, ...action.payload];
})
.addCase(getAllDmdonvitinh.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getAllDmnhomthuoc.pending, (state) => {
  state.loading = true;
})
.addCase(getAllDmnhomthuoc.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmnhomthuocList = [initDmnhomthuoc, ...action.payload];
.addCase(getAllDmnhomthuoc.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getAllDmhoatchat.pending, (state) => {
  state.loading = true;
})
.addCase(getAllDmhoatchat.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmhoatchatList = [initDmhoatchat, ...action.payload];
})
.addCase(getAllDmhoatchat.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getDmLoaiPhieuNhapXuat.pending, (state) => {
  state.loading = true;
})
.addCase(getDmLoaiPhieuNhapXuat.fulfilled, (state, action) => {
  state.loading = false;
```

```
state.dmLoaiPhieuNhapXuatList = action.payload;
})
.addCase(getDmLoaiPhieuNhapXuat.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getDmDoiTuong.pending, (state) => {
  state.loading = true;
})
.addCase(getDmDoiTuong.fulfilled, (state, action) => {
  state.loading = false;
  state.dmDoiTuongList = action.payload;
})
.addCase(getDmDoiTuong.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getDmThuocVatTu.pending, (state) => {
  state.loading = true;
})
.addCase(getDmThuocVatTu.fulfilled, (state, action) => {
  state.loading = false;
  state.dmThuocVatTuList = action.payload;
})
.addCase(getDmThuocVatTu.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getDmPhai.pending, (state) => {
  state.loading = true;
})
.addCase(getDmPhai.fulfilled, (state, action) => {
  state.loading = false;
  state.dmPhaiList = action.payload;
})
.addCase(getDmPhai.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getAllDmthuocvattu.pending, (state) => {
  state.loading = true;
})
.addCase(getAllDmthuocvattu.fulfilled, (state, action) => {
  state.loading = false;
  state.allDmthuocvattuList = [initDmthuocvattu, ...action.payload];
})
.addCase(getAllDmthuocvattu.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getHangSapHetTon.pending, (state) => {
  state.loading = true;
})
.addCase(getHangSapHetTon.fulfilled, (state, action) => {
  state.loading = false;
  state.allHangSapHetTonList = [initHangSapHetTon, ...action.payload];
.addCase(getHangSapHetTon.rejected, (state, action) => {
  state.loading = false;
})
.addCase(getDmLyDoTc.fulfilled, (state, action) => {
  state.loading = false;
  state.dmLyDoTcList = action.payload;
})
.addCase(getDmHinhThucTT.fulfilled, (state, action) => {
  state.loading = false;
  state.dmHinhThucTTList = action.payload;
})
.addCase(getDmNhanVien.fulfilled, (state, action) => {
  state.loading = false;
  state.dmNhanVienList = action.payload;
})
.addCase(getDmKhachHang.fulfilled, (state, action) => {
  state.loading = false;
  state.dmKhachHangList = action.payload;
});
```

},
});

```
export const {
   showLoading,
   setAllDmkkList,
   setAllDmLoaiDvList,
   setAllDmdonvitinhList,
   setAllDmhoatchatList,
   setAllDmnhomthuocList,
   setAllDmthuocvattuList,
} = danhmucSlice.actions;
export default danhmucSlice.reducer;
```